



Petroleum Supply Monthly

January 2016

With Data for November 2015

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Energy Information Administration

Office of Oil and Gas
U.S. Department of Energy
Washington, DC 20585

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Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications produced by the Office of Petroleum and Biofuels Statistics of the U.S. Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present comprehensive petroleum and biofuel supply data on a weekly, monthly and annual basis.

Data presented in the *PSM* describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, oxygenate producers, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of crude oil, petroleum products, and biofuels. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

Scope of data

The *PSM* presents statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District levels, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources including federal and state agencies.

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- U.S. supply and disposition of crude oil, petroleum products, and biofuels
- Regional supply and disposition of crude oil, petroleum products, and biofuels
- Crude oil supply and disposition and production by state
- Natural Gas Processing
- Refinery Operations
- Imports of residual fuel oil by state of entry
- Imports by PADD
- Imports by country of origin
- Exports
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- Stocks
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Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	279,526	--	--	221,117	4,351	715	494,682	9,596	0	1,182,541
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	103,071	-647	9,912	4,880	--	-11,384	20,285	31,743	76,572	216,451
Pentanes Plus	12,798	-647	--	647	--	1,315	4,376	6,020	1,087	20,143
Liquefied Petroleum Gases	90,273	--	9,912	4,233	--	-12,699	15,909	25,723	75,485	196,308
Ethane/Ethylene	36,534	--	196	--	--	-334	--	1,976	35,088	33,547
Propane/Propylene	34,569	--	16,574	3,510	--	24	--	20,268	34,361	104,455
Normal Butane/Butylene	10,054	--	-6,886	376	--	-11,913	9,213	3,268	2,976	49,260
Isobutane/Isobutylene	9,116	--	28	347	--	-476	6,696	211	3,060	9,046
Other Liquids	--	34,008	--	28,403	9,843	5,974	48,654	16,560	1,065	306,180
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	34,012	--	1,775	4,177	1,607	34,671	3,686	0	25,342
Hydrogen	--	--	--	--	6,525	--	6,525	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,897	--	31	494	238	24	2,160	0	1,233
Renewable Fuels (including Fuel Ethanol) ...	--	32,115	--	1,671	-2,797	1,381	28,082	1,526	0	24,071
Fuel Ethanol	--	29,594	--	498	-1,180	1,056	26,406	1,450	0	19,945
Renewable Fuels Except Fuel Ethanol	--	2,521	--	1,173	-1,617	325	1,676	76	0	4,126
Other Hydrocarbons	--	--	--	73	-45	-12	40	--	0	38
Unfinished Oils	--	--	--	15,651	--	-1,005	7,976	7,613	1,067	86,078
Motor Gasoline Blend.Comp. (MGBC)	--	-4	--	10,977	5,666	5,371	6,006	5,262	0	194,753
Reformulated	--	--	--	2,951	6,381	618	8,712	2	0	48,118
Conventional	--	-4	--	8,026	-716	4,753	-2,706	5,259	0	146,635
Aviation Gasoline Blend. Comp.	--	--	--	--	--	1	1	--	-2	7
Finished Petroleum Products	--	71	585,229	19,370	-2,880	17,151	--	86,625	498,014	316,381
Finished Motor Gasoline	--	71	293,834	2,094	-4,486	167	--	18,076	273,270	27,805
Reformulated	--	--	93,716	--	-7,200	7	--	--	86,509	46
Conventional	--	71	200,118	2,094	2,714	160	--	18,076	186,761	27,759
Finished Aviation Gasoline	--	--	296	1	--	10	--	--	287	867
Kerosene-Type Jet Fuel	--	--	48,976	3,049	--	-48	--	5,624	46,449	37,987
Kerosene	--	--	684	335	--	72	--	863	84	2,626
Distillate Fuel Oil ⁵	--	--	154,306	4,509	1,606	13,349	--	35,990	111,082	156,666
15 ppm sulfur and under ⁶	--	--	144,300	2,530	1,606	11,668	--	31,367	105,401	131,456
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	4,005	364	--	1,172	--	3,119	78	9,018
Greater than 500 ppm sulfur	--	--	6,001	1,615	--	509	--	1,504	5,603	16,192
Residual Fuel Oil ⁷	--	--	11,585	5,941	--	516	--	6,314	10,696	43,688
Less than 0.31 percent sulfur	--	--	1,383	90	--	382	--	NA	NA	4,099
0.31 to 1.00 percent sulfur	--	--	1,559	731	--	-410	--	NA	NA	5,668
Greater than 1.00 percent sulfur	--	--	8,643	5,120	--	544	--	NA	NA	33,915
Petrochemical Feedstocks	--	--	8,572	1,066	--	-283	--	--	9,921	3,192
Naphtha for Petro. Feed. Use	--	--	6,007	993	--	-289	--	--	7,289	2,049
Other Oils for Petro. Feed. Use	--	--	2,565	73	--	6	--	--	2,632	1,143
Special Naphthas	--	--	1,164	582	--	-122	--	--	1,868	1,345
Lubricants	--	--	5,382	796	--	1,082	--	1,926	3,170	12,859
Waxes	--	--	102	112	--	2	--	101	111	555
Petroleum Coke	--	--	27,078	167	--	742	--	17,178	9,325	6,866
Marketable	--	--	20,381	167	--	742	--	17,178	2,628	6,866
Catalyst	--	--	6,697	--	--	--	--	--	6,697	--
Asphalt and Road Oil	--	--	9,862	717	--	1,524	--	525	8,530	21,123
Still Gas	--	--	20,572	--	--	--	--	--	20,572	--
Miscellaneous Products	--	--	2,816	1	--	140	--	28	2,649	802
Total	382,597	33,432	595,141	273,770	11,314	12,456	563,621	144,525	575,651	2,021,553

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil. Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁵ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	3,155,339	--	--	2,438,031	55,394	97,868	5,395,806	155,090	0	1,182,541
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,090,001	-6,973	213,205	46,983	--	41,098	168,140	319,928	814,050	216,451
Pentanes Plus	143,902	-6,973	--	3,709	--	-445	49,249	61,233	30,601	20,143
Liquefied Petroleum Gases	946,099	--	213,205	43,274	--	41,543	118,891	258,695	783,449	196,308
Ethane/Ethylene	366,781	--	1,908	36	--	-1,313	--	21,670	348,368	33,547
Propane/Propylene	372,607	--	186,049	36,447	--	26,506	--	201,385	367,212	104,455
Normal Butane/Butylene	108,416	--	27,445	3,476	--	16,035	52,201	33,265	37,836	49,260
Isobutane/Isobutylene	98,295	--	-2,197	3,315	--	315	66,690	2,375	30,033	9,046
Other Liquids	--	370,777	--	400,129	128,012	-3,383	737,479	170,567	-5,745	306,180
Hydrogen/Oxygenates/Renewables/	--	--	--	--	--	--	--	--	--	--
Other Hydrocarbons	--	370,821	--	15,166	45,323	2,143	388,708	40,459	0	25,342
Hydrogen	--	--	--	--	69,486	--	69,486	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	21,885	--	1,270	-1,904	163	742	20,346	0	1,233
Renewable Fuels (including Fuel Ethanol)	--	348,936	--	13,196	-21,935	1,990	318,094	20,113	0	24,071
Fuel Ethanol	--	321,445	--	1,951	-5,654	1,206	298,382	18,154	0	19,945
Renewable Fuels Except Fuel Ethanol	--	27,491	--	11,245	-16,281	784	19,712	1,959	0	4,126
Other Hydrocarbons	--	--	--	700	-324	-10	386	--	0	38
Unfinished Oils	--	--	--	184,062	--	7,584	96,748	85,407	-5,677	86,078
Motor Gasoline Blend.Comp. (MGBC)	--	-44	--	200,901	82,689	-13,108	251,953	44,701	0	194,753
Reformulated	--	--	--	56,091	68,375	-3,700	127,867	299	0	48,118
Conventional	--	-44	--	144,810	14,314	-9,408	124,086	44,402	0	146,635
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-2	70	--	-68	7
Finished Petroleum Products	--	1,001	6,432,901	244,550	-59,114	29,515	--	924,659	5,665,164	316,381
Finished Motor Gasoline	--	1,001	3,265,940	23,444	-77,035	-2,810	--	156,007	3,060,153	27,805
Reformulated	--	--	1,051,163	--	-62,953	8	--	--	988,202	46
Conventional	--	1,001	2,214,777	23,444	-14,082	-2,818	--	156,007	2,071,951	27,759
Finished Aviation Gasoline	--	--	3,660	24	--	-216	--	--	3,900	867
Kerosene-Type Jet Fuel	--	--	525,964	43,856	--	463	--	56,701	512,656	37,987
Kerosene	--	--	5,085	1,335	--	502	--	4,299	1,619	2,626
Distillate Fuel Oil ⁵	--	--	1,659,460	68,190	17,921	20,601	--	391,792	1,333,178	156,666
15 ppm sulfur and under ⁶	--	--	1,546,084	47,120	17,921	17,122	--	325,466	1,268,536	131,456
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	38,786	4,349	--	2,772	--	34,012	6,351	9,018
Greater than 500 ppm sulfur	--	--	74,590	16,721	--	707	--	32,313	58,291	16,192
Residual Fuel Oil ⁷	--	--	140,993	61,423	--	10,012	--	107,984	84,420	43,688
Less than 0.31 percent sulfur	--	--	15,172	4,669	--	200	--	NA	NA	4,099
0.31 to 1.00 percent sulfur	--	--	17,562	11,013	--	-584	--	NA	NA	5,668
Greater than 1.00 percent sulfur	--	--	108,259	45,741	--	10,396	--	NA	NA	33,915
Petrochemical Feedstocks	--	--	96,473	13,039	--	-214	--	--	109,726	3,192
Naphtha for Petro. Feed. Use	--	--	62,528	10,891	--	-224	--	--	73,643	2,049
Other Oils for Petro. Feed. Use	--	--	33,945	2,148	--	10	--	--	36,083	1,143
Special Naphthas	--	--	13,406	5,202	--	-98	--	--	18,706	1,345
Lubricants	--	--	59,652	11,764	--	1,635	--	24,453	45,328	12,859
Waxes	--	--	1,604	1,861	--	112	--	1,336	2,017	555
Petroleum Coke	--	--	290,333	3,806	--	-653	--	175,446	119,346	6,866
Marketable	--	--	215,401	3,806	--	-653	--	175,446	44,414	6,866
Catalyst	--	--	74,932	--	--	--	--	--	74,932	--
Asphalt and Road Oil	--	--	114,387	10,592	--	-96	--	6,170	118,905	21,123
Still Gas	--	--	226,770	--	--	--	--	--	226,770	--
Miscellaneous Products	--	--	29,174	14	--	277	--	471	28,440	802
Total	4,245,340	364,805	6,646,106	3,129,693	124,292	165,098	6,301,425	1,570,245	6,473,469	2,021,553

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil. Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁵ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	9,318	--	--	7,371	145	24	16,489	320	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	3,436	-22	330	163	--	-379	676	1,058	2,552
Pentanes Plus	427	-22	--	22	--	44	146	201	36
Liquefied Petroleum Gases	3,009	--	330	141	--	-423	530	857	2,516
Ethane/Ethylene	1,218	--	7	--	--	-11	--	66	1,170
Propane/Propylene	1,152	--	552	117	--	1	--	676	1,145
Normal Butane/Butylene	335	--	-230	13	--	-397	307	109	99
Isobutane/Isobutylene	304	--	1	12	--	-16	223	7	102
Other Liquids	--	1,134	--	947	328	199	1,622	552	36
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons	--	1,134	--	59	139	54	1,156	123	0
Hydrogen	--	--	--	--	218	--	218	--	0
Oxygenates (excluding Fuel Ethanol)	--	63	--	1	16	8	1	72	0
Renewable Fuels (including Fuel Ethanol)	--	1,070	--	56	-93	46	936	51	0
Fuel Ethanol	--	986	--	17	-39	35	880	48	0
Renewable Fuels Except Fuel Ethanol	--	84	--	39	-54	11	56	3	0
Other Hydrocarbons	--	--	--	2	-2	0	1	--	0
Unfinished Oils	--	--	--	522	--	-34	266	254	36
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	366	189	179	200	175	0
Reformulated	--	--	--	98	213	21	290	0	0
Conventional	--	0	--	268	-24	158	-90	175	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	2	19,508	646	-96	572	--	2,887	16,600
Finished Motor Gasoline	--	2	9,794	70	-150	6	--	603	9,109
Reformulated	--	--	3,124	--	-240	0	--	--	2,884
Conventional	--	2	6,671	70	90	5	--	603	6,225
Finished Aviation Gasoline	--	--	10	0	--	0	--	--	10
Kerosene-Type Jet Fuel	--	--	1,633	102	--	-2	--	187	1,548
Kerosene	--	--	23	11	--	2	--	29	3
Distillate Fuel Oil ⁵	--	--	5,144	150	54	445	--	1,200	3,703
15 ppm sulfur and under ⁶	--	--	4,810	84	54	389	--	1,046	3,513
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	134	12	--	39	--	104	3
Greater than 500 ppm sulfur	--	--	200	54	--	17	--	50	187
Residual Fuel Oil ⁷	--	--	386	198	--	17	--	210	357
Less than 0.31 percent sulfur	--	--	46	3	--	13	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	52	24	--	-14	--	NA	NA
Greater than 1.00 percent sulfur	--	--	288	171	--	18	--	NA	NA
Petrochemical Feedstocks	--	--	286	36	--	-9	--	--	331
Naphtha for Petro. Feed. Use	--	--	200	33	--	-10	--	--	243
Other Oils for Petro. Feed. Use	--	--	86	2	--	0	--	--	88
Special Naphthas	--	--	39	19	--	-4	--	--	62
Lubricants	--	--	179	27	--	36	--	64	106
Waxes	--	--	3	4	--	0	--	3	4
Petroleum Coke	--	--	903	6	--	25	--	573	311
Marketable	--	--	679	6	--	25	--	573	88
Catalyst	--	--	223	--	--	--	--	--	223
Asphalt and Road Oil	--	--	329	24	--	51	--	17	284
Still Gas	--	--	686	--	--	--	--	--	686
Miscellaneous Products	--	--	94	0	--	5	--	1	88
Total	12,753	1,114	19,838	9,126	377	415	18,787	4,817	19,188

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	9,447	--	--	7,299	166	293	16,155	464	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	3,263	-21	638	141	--	123	503	958	2,437
Pentanes Plus	431	-21	--	11	--	-1	147	183	92
Liquefied Petroleum Gases	2,833	--	638	130	--	124	356	775	2,346
Ethane/Ethylene	1,098	--	6	0	--	-4	--	65	1,043
Propane/Propylene	1,116	--	557	109	--	79	--	603	1,099
Normal Butane/Butylene	325	--	82	10	--	48	156	100	113
Isobutane/Isobutylene	294	--	-7	10	--	1	200	7	90
Other Liquids	--	1,110	--	1,198	383	-10	2,208	511	-17
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,110	--	45	136	6	1,164	121	0
Hydrogen	--	--	--	--	208	--	208	--	0
Oxygenates (excluding Fuel Ethanol)	--	66	--	4	-6	0	2	61	0
Renewable Fuels (including Fuel Ethanol)	--	1,045	--	40	-66	6	952	60	0
Fuel Ethanol	--	962	--	6	-17	4	893	54	0
Renewable Fuels Except Fuel Ethanol	--	82	--	34	-49	2	59	6	0
Other Hydrocarbons	--	--	--	2	-1	0	1	--	0
Unfinished Oils	--	--	--	551	--	23	290	256	-17
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	602	248	-39	754	134	0
Reformulated	--	--	--	168	205	-11	383	1	0
Conventional	--	0	--	434	43	-28	372	133	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	3	19,260	732	-177	88	--	2,768	16,962
Finished Motor Gasoline	--	3	9,778	70	-231	-8	--	467	9,162
Reformulated	--	--	3,147	--	-188	0	--	--	2,959
Conventional	--	3	6,631	70	-42	-8	--	467	6,203
Finished Aviation Gasoline	--	--	11	0	--	-1	--	--	12
Kerosene-Type Jet Fuel	--	--	1,575	131	--	1	--	170	1,535
Kerosene	--	--	15	4	--	2	--	13	5
Distillate Fuel Oil ⁵	--	--	4,968	204	54	62	--	1,173	3,992
15 ppm sulfur and under ⁶	--	--	4,629	141	54	51	--	974	3,798
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	116	13	--	8	--	102	19
Greater than 500 ppm sulfur	--	--	223	50	--	2	--	97	175
Residual Fuel Oil ⁷	--	--	422	184	--	30	--	323	253
Less than 0.31 percent sulfur	--	--	45	14	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	53	33	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	324	137	--	31	--	NA	NA
Petrochemical Feedstocks	--	--	289	39	--	-1	--	--	329
Naphtha for Petro. Feed. Use	--	--	187	33	--	-1	--	--	220
Other Oils for Petro. Feed. Use	--	--	102	6	--	0	--	--	108
Special Naphthas	--	--	40	16	--	0	--	--	56
Lubricants	--	--	179	35	--	5	--	73	136
Waxes	--	--	5	6	--	0	--	4	6
Petroleum Coke	--	--	869	11	--	-2	--	525	357
Marketable	--	--	645	11	--	-2	--	525	133
Catalyst	--	--	224	--	--	--	--	--	224
Asphalt and Road Oil	--	--	342	32	--	0	--	18	356
Still Gas	--	--	679	--	--	--	--	--	679
Miscellaneous Products	--	--	87	0	--	1	--	1	85
Total	12,711	1,092	19,899	9,370	372	494	18,867	4,701	19,382

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	1,324	--	--	21,949	14,293	-1,078	-787	36,025	1,250	0	15,136
Natural Gas Plant Liquids and Liquefied Refinery Gases	8,720	-13	913	1,324	-1,151	--	-498	2,242	1,137	6,912	8,915
Pentanes Plus	982	-13	--	2	-10	--	-164	321	16	788	169
Liquefied Petroleum Gases	7,738	--	913	1,322	-1,141	--	-334	1,921	1,122	6,123	8,746
Ethane/Ethylene	3,015	--	18	--	-3,155	--	1	--	--	-123	87
Propane/Propylene	3,209	--	1,184	1,115	2,032	--	91	--	1,072	6,377	7,086
Normal Butane/Butylene	1,118	--	-250	75	-5	--	-420	1,570	49	-261	1,391
Isobutane/Isobutylene	396	--	-39	132	-13	--	-6	351	1	130	182
Other Liquids	--	782	--	10,868	50,648	9,261	-1,874	73,330	1,725	-1,622	64,424
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	785	--	668	9,681	-719	-73	10,122	366	0	7,219
Hydrogen	--	--	--	--	--	134	--	134	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	785	--	667	9,681	-853	-73	9,988	365	0	7,219
Fuel Ethanol	--	664	--	67	9,642	-432	-90	9,667	364	0	6,090
Renewable Fuels Except Fuel Ethanol	--	121	--	600	38	-421	17	321	0	0	1,129
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0	--
Unfinished Oils	--	--	--	1,122	-28	--	128	1,236	1,352	-1,622	5,455
Motor Gasoline Blend. Comp. (MGBC)	--	-3	--	9,078	40,995	9,980	-1,929	61,972	7	0	51,750
Reformulated	--	--	--	2,807	7,992	3,081	-1,066	14,945	1	0	17,916
Conventional	--	-3	--	6,271	33,003	6,899	-863	47,027	6	0	33,834
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	112,221	10,998	47,918	-9,187	6,665	--	2,433	152,852	99,719
Finished Motor Gasoline	--	--	91,168	1,687	10,775	-9,548	629	--	384	93,069	6,553
Reformulated	--	--	37,695	--	--	-2,595	4	--	--	35,096	28
Conventional	--	--	53,473	1,687	10,775	-6,953	625	--	384	57,973	6,525
Finished Aviation Gasoline	--	--	--	1	667	--	30	--	--	638	167
Kerosene-Type Jet Fuel	--	--	3,163	1,319	11,475	--	-291	--	13	16,235	8,544
Kerosene	--	--	170	335	--	--	90	--	0	415	2,100
Distillate Fuel Oil ⁷	--	--	11,368	3,995	23,987	361	5,754	--	597	33,360	66,550
15 ppm sulfur and under ⁸	--	--	9,884	2,321	21,763	361	4,034	--	597	29,698	50,585
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	353	364	196	--	829	--	--	84	5,875
Greater than 500 ppm sulfur	--	--	1,131	1,310	2,028	--	891	--	--	3,578	10,090
Residual Fuel Oil ⁹	--	--	1,480	2,952	--	--	438	--	365	3,629	10,787
Less than 0.31 percent sulfur	--	--	190	--	--	--	50	--	NA	NA	1,453
0.31 to 1.00 percent sulfur	--	--	190	598	--	--	-62	--	NA	NA	2,071
Greater than 1.00 percent sulfur	--	--	1,100	2,354	--	--	450	--	NA	NA	7,263
Petrochemical Feedstocks	--	--	116	103	-9	--	3	--	--	207	151
Naphtha for Petro. Feed. Use	--	--	116	101	--	--	3	--	--	214	151
Other Oils for Petro. Feed. Use	--	--	--	2	-9	--	--	--	--	-7	--
Special Naphthas	--	--	23	--	--	--	-1	--	--	24	29
Lubricants	--	--	386	137	721	--	111	--	156	977	1,136
Waxes	--	--	0	66	--	--	6	--	50	10	278
Petroleum Coke	--	--	1,162	1	--	--	--	--	802	361	--
Marketable	--	--	448	1	--	--	--	--	802	-353	--
Catalyst	--	--	714	--	--	--	--	--	--	714	--
Asphalt and Road Oil	--	--	1,768	402	302	--	-104	--	52	2,524	3,393
Still Gas	--	--	1,323	--	--	--	--	--	--	1,323	--
Miscellaneous Products	--	--	94	--	--	--	0	--	13	81	31
Total	10,044	769	113,134	45,139	111,708	-1,003	3,506	111,597	6,545	158,142	188,194

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	16,738	--	--	205,826	151,128	27,320	-3	373,830	27,185	0	15,136
Natural Gas Plant Liquids and Liquefied Refinery Gases	91,670	-178	13,787	14,939	-3,750	--	1,582	11,096	15,055	88,735	8,915
Pentanes Plus	10,582	-178	--	9	15	--	59	488	676	9,205	169
Liquefied Petroleum Gases	81,088	--	13,787	14,930	-3,765	--	1,523	10,608	14,379	79,530	8,746
Ethane/Ethylene	27,621	--	151	--	-28,580	--	-1	--	--	-807	87
Propane/Propylene	36,684	--	12,321	13,322	25,013	--	1,379	--	12,546	73,415	7,086
Normal Butane/Butylene	11,956	--	1,648	456	-55	--	99	7,454	1,810	4,642	1,391
Isobutane/Isobutylene	4,827	--	-333	1,152	-143	--	46	3,154	23	2,280	182
Other Liquids	--	9,626	--	199,101	566,886	92,631	-3,149	868,716	6,906	-4,229	64,424
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	9,659	--	4,904	104,780	-4,360	-108	113,855	1,236	0	7,219
Hydrogen	--	--	--	--	--	1,410	--	1,410	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	16	--	--	16	0	--
Renewable Fuels (including Fuel Ethanol)	--	9,659	--	4,903	104,780	-5,785	-108	112,445	1,220	0	7,219
Fuel Ethanol	--	8,283	--	976	103,414	-2,073	4	109,387	1,209	0	6,090
Renewable Fuels Except Fuel Ethanol	--	1,376	--	3,927	1,366	-3,712	-112	3,058	12	0	1,129
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0	--
Unfinished Oils	--	--	--	18,262	574	--	887	18,669	3,509	-4,229	5,455
Motor Gasoline Blend. Comp. (MGBC)	--	-33	--	175,935	461,532	96,991	-3,928	736,192	2,161	0	51,750
Reformulated	--	--	--	54,017	97,375	36,423	-1,584	189,386	13	0	17,916
Conventional	--	-33	--	121,918	364,157	60,569	-2,344	546,806	2,149	0	33,834
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1,256,715	145,316	530,674	-91,345	31,806	--	33,760	1,775,793	99,719
Finished Motor Gasoline	--	--	1,039,397	20,232	108,792	-94,918	1,151	--	996	1,071,356	6,553
Reformulated	--	--	421,420	--	--	-23,792	2	--	--	397,626	28
Conventional	--	--	617,977	20,232	108,792	-71,126	1,149	--	996	673,730	6,525
Finished Aviation Gasoline	--	--	--	11	3,023	--	-2	--	--	3,036	167
Kerosene-Type Jet Fuel	--	--	32,111	24,119	135,746	--	-234	--	197	192,013	8,544
Kerosene	--	--	990	1,335	--	--	543	--	164	1,618	2,100
Distillate Fuel Oil ⁷	--	--	116,168	57,881	272,159	3,573	27,174	--	14,345	408,262	66,550
15 ppm sulfur and under ⁸	--	--	98,819	41,634	241,359	3,573	23,074	--	5,958	356,353	50,585
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	4,832	4,305	2,147	--	2,245	--	7,160	1,879	5,875
Greater than 500 ppm sulfur	--	--	12,517	11,942	28,653	--	1,855	--	1,227	50,030	10,090
Residual Fuel Oil ⁹	--	--	16,505	30,615	1,572	--	3,064	--	9,205	36,423	10,787
Less than 0.31 percent sulfur	--	--	3,155	2,176	--	--	-306	--	NA	NA	1,453
0.31 to 1.00 percent sulfur	--	--	1,944	5,955	--	--	627	--	NA	NA	2,071
Greater than 1.00 percent sulfur	--	--	11,406	22,484	1,572	--	2,743	--	NA	NA	7,263
Petrochemical Feedstocks	--	--	1,400	225	-310	--	77	--	--	1,238	151
Naphtha for Petro. Feed. Use	--	--	1,400	198	-25	--	77	--	--	1,496	151
Other Oils for Petro. Feed. Use	--	--	--	27	-285	--	--	--	--	-258	--
Special Naphthas	--	--	239	--	--	--	3	--	--	236	29
Lubricants	--	--	4,031	1,774	6,574	--	-69	--	1,880	10,568	1,136
Waxes	--	--	51	1,038	--	--	136	--	794	159	278
Petroleum Coke	--	--	11,646	1,437	--	--	--	--	4,650	8,433	--
Marketable	--	--	4,159	1,437	--	--	--	--	4,650	946	--
Catalyst	--	--	7,487	--	--	--	--	--	--	7,487	--
Asphalt and Road Oil	--	--	18,934	6,649	3,118	--	-37	--	1,334	27,404	3,393
Still Gas	--	--	14,291	--	--	--	--	--	--	14,291	--
Miscellaneous Products	--	--	952	--	--	--	0	--	196	756	31
Total	108,408	9,448	1,270,502	565,182	1,244,938	28,606	30,236	1,253,642	82,907	1,860,300	188,194

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	44	--	--	732	476	-36	-26	1,201	42	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	291	0	30	44	-38	--	-17	75	38	230
Pentanes Plus	33	0	--	0	0	--	-5	11	1	26
Liquefied Petroleum Gases	258	--	30	44	-38	--	-11	64	37	204
Ethane/Ethylene	101	--	1	--	-105	--	0	--	--	-4
Propane/Propylene	107	--	39	37	68	--	3	--	36	213
Normal Butane/Butylene	37	--	-8	3	0	--	-14	52	2	-9
Isobutane/Isobutylene	13	--	-1	4	0	--	0	12	0	4
Other Liquids	--	26	--	362	1,688	309	-62	2,444	57	-54
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	26	--	22	323	-24	-2	337	12	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	26	--	22	323	-28	-2	333	12	0
Fuel Ethanol	--	22	--	2	321	-14	-3	322	12	0
Renewable Fuels Except Fuel Ethanol	--	4	--	20	1	-14	1	11	0	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	37	-1	--	4	41	45	-54
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	303	1,367	333	-64	2,066	0	0
Reformulated	--	--	--	94	266	103	-36	498	0	0
Conventional	--	0	--	209	1,100	230	-29	1,568	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,741	367	1,597	-306	222	--	81	5,095
Finished Motor Gasoline	--	--	3,039	56	359	-318	21	--	13	3,102
Reformulated	--	--	1,257	--	--	-87	0	--	--	1,170
Conventional	--	--	1,782	56	359	-232	21	--	13	1,932
Finished Aviation Gasoline	--	--	--	0	22	--	1	--	--	21
Kerosene-Type Jet Fuel	--	--	105	44	383	--	-10	--	0	541
Kerosene	--	--	6	11	--	--	3	--	0	14
Distillate Fuel Oil ⁶	--	--	379	133	800	12	192	--	20	1,112
15 ppm sulfur and under ⁷	--	--	329	77	725	12	134	--	20	990
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	12	12	7	--	28	--	--	3
Greater than 500 ppm sulfur	--	--	38	44	68	--	30	--	--	119
Residual Fuel Oil ⁸	--	--	49	98	--	--	15	--	12	121
Less than 0.31 percent sulfur	--	--	6	--	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	6	20	--	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	37	78	--	--	15	--	NA	NA
Petrochemical Feedstocks	--	--	4	3	0	--	0	--	--	7
Naphtha for Petro. Feed. Use	--	--	4	3	--	--	0	--	--	7
Other Oils for Petro. Feed. Use	--	--	--	0	0	--	--	--	--	0
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	13	5	24	--	4	--	5	33
Waxes	--	--	0	2	--	--	0	--	2	0
Petroleum Coke	--	--	39	0	--	--	--	--	27	12
Marketable	--	--	15	0	--	--	--	--	27	-12
Catalyst	--	--	24	--	--	--	--	--	--	24
Asphalt and Road Oil	--	--	59	13	10	--	-3	--	2	84
Still Gas	--	--	44	--	--	--	--	--	--	44
Miscellaneous Products	--	--	3	--	--	--	0	--	0	3
Total	335	26	3,771	1,505	3,724	-33	117	3,720	218	5,271

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	50	--	--	616	452	82	0	1,119	81	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	274	-1	41	45	-11	--	5	33	45	266
Pentanes Plus	32	-1	--	0	0	--	0	1	2	28
Liquefied Petroleum Gases	243	--	41	45	-11	--	5	32	43	238
Ethane/Ethylene	83	--	0	--	-86	--	0	--	--	-2
Propane/Propylene	110	--	37	40	75	--	4	--	38	220
Normal Butane/Butylene	36	--	5	1	0	--	0	22	5	14
Isobutane/Isobutylene	14	--	-1	3	0	--	0	9	0	7
Other Liquids	--	29	--	596	1,697	277	-9	2,601	21	-13
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	29	--	15	314	-13	0	341	4	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	29	--	15	314	-17	0	337	4	0
Fuel Ethanol	--	25	--	3	310	-6	0	328	4	0
Renewable Fuels Except Fuel Ethanol	--	4	--	12	4	-11	0	9	0	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	55	2	--	3	56	11	-13
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	527	1,382	290	-12	2,204	6	0
Reformulated	--	--	--	162	292	109	-5	567	0	0
Conventional	--	0	--	365	1,090	181	-7	1,637	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,763	435	1,589	-273	95	--	101	5,317
Finished Motor Gasoline	--	--	3,112	61	326	-284	3	--	3	3,208
Reformulated	--	--	1,262	--	--	-71	0	--	--	1,190
Conventional	--	--	1,850	61	326	-213	3	--	3	2,017
Finished Aviation Gasoline	--	--	--	0	9	--	0	--	--	9
Kerosene-Type Jet Fuel	--	--	96	72	406	--	-1	--	1	575
Kerosene	--	--	3	4	--	--	2	--	0	5
Distillate Fuel Oil ⁶	--	--	348	173	815	11	81	--	43	1,222
15 ppm sulfur and under ⁷	--	--	296	125	723	11	69	--	18	1,067
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	14	13	6	--	7	--	21	6
Greater than 500 ppm sulfur	--	--	37	36	86	--	6	--	4	150
Residual Fuel Oil ⁸	--	--	49	92	5	--	9	--	28	109
Less than 0.31 percent sulfur	--	--	9	7	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	6	18	--	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	34	67	5	--	8	--	NA	NA
Petrochemical Feedstocks	--	--	4	1	-1	--	0	--	--	4
Naphtha for Petro. Feed. Use	--	--	4	1	0	--	0	--	--	4
Other Oils for Petro. Feed. Use	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	12	5	20	--	0	--	6	32
Waxes	--	--	0	3	--	--	0	--	2	0
Petroleum Coke	--	--	35	4	--	--	--	--	14	25
Marketable	--	--	12	4	--	--	--	--	14	3
Catalyst	--	--	22	--	--	--	--	--	--	22
Asphalt and Road Oil	--	--	57	20	9	--	0	--	4	82
Still Gas	--	--	43	--	--	--	--	--	--	43
Miscellaneous Products	--	--	3	--	--	--	0	--	1	2
Total	325	28	3,804	1,692	3,727	86	91	3,753	248	5,570

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Distillate stocks located in the 'Northeast Reserves' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	54,760	--	--	70,472	-9,567	1,331	9,536	106,601	860	0	148,505
Natural Gas Plant Liquids and Liquefied Refinery Gases	22,637	-593	266	2,304	-1,515	--	-2,103	3,691	8,084	13,427	60,304
Pentanes Plus	2,748	-593	--	4	3,745	--	863	469	5,774	-1,202	8,728
Liquefied Petroleum Gases	19,889	--	266	2,300	-5,260	--	-2,966	3,222	2,310	14,629	51,576
Ethane/Ethylene	6,556	--	--	--	-2,050	--	-261	--	1,976	2,791	4,973
Propane/Propylene	8,722	--	3,406	1,807	-3,057	--	1,212	--	82	9,584	29,711
Normal Butane/Butylene	3,212	--	-3,100	295	-517	--	-3,923	1,696	252	1,865	14,908
Isobutane/Isobutylene	1,399	--	-40	198	364	--	6	1,526	--	389	1,984
Other Liquids	--	28,959	--	390	-11,889	1,682	3,610	15,505	754	-728	64,425
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	28,960	--	63	-19,246	187	744	8,673	547	0	7,732
Hydrogen	--	--	--	--	--	1,058	--	1,058	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	28,960	--	--	-19,246	-823	756	7,588	547	0	7,694
Fuel Ethanol	--	27,179	--	--	-18,524	-324	536	7,258	537	0	6,954
Renewable Fuels Except Fuel Ethanol	--	1,781	--	--	-722	-499	220	330	10	0	740
Other Hydrocarbons	--	--	--	63	--	-48	-12	27	--	0	38
Unfinished Oils	--	--	--	--	-1,194	--	-855	204	185	-728	13,254
Motor Gasoline Blend. Comp. (MGBC)	--	-1	--	327	8,551	1,494	3,721	6,628	22	0	43,439
Reformulated	--	--	--	--	1,560	-1,098	36	426	0	0	6,085
Conventional	--	-1	--	327	6,991	2,592	3,685	6,202	22	0	37,354
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	71	131,962	599	9,255	-672	6,075	--	3,769	131,371	57,763
Finished Motor Gasoline	--	71	76,681	--	1,104	-1,170	400	--	337	75,949	6,608
Reformulated	--	--	11,026	--	--	1,121	--	--	--	12,147	--
Conventional	--	71	65,655	--	1,104	-2,291	400	--	337	63,802	6,608
Finished Aviation Gasoline	--	--	55	--	--	--	29	--	--	26	192
Kerosene-Type Jet Fuel	--	--	7,414	--	1,398	--	884	--	1,336	6,592	6,336
Kerosene	--	--	138	--	50	--	-10	--	811	-613	165
Distillate Fuel Oil	--	--	31,109	11	7,197	499	3,310	--	238	35,268	30,147
15 ppm sulfur and under ⁷	--	--	31,252	7	7,139	499	3,439	--	1	35,457	29,513
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	127	--	58	--	-66	--	203	48	316
Greater than 500 ppm sulfur	--	--	-270	4	--	--	-63	--	34	-237	318
Residual Fuel Oil ⁸	--	--	1,555	56	-736	--	-97	--	210	762	1,318
Less than 0.31 percent sulfur	--	--	--	--	--	--	42	--	NA	NA	42
0.31 to 1.00 percent sulfur	--	--	257	26	-85	--	-94	--	NA	NA	161
Greater than 1.00 percent sulfur	--	--	1,298	30	-651	--	-45	--	NA	NA	1,115
Petrochemical Feedstocks	--	--	785	76	-222	--	32	--	--	607	722
Naphtha for Petro. Feed. Use	--	--	626	69	-187	--	40	--	--	468	563
Other Oils for Petro. Feed. Use	--	--	159	7	-35	--	-8	--	--	139	159
Special Naphthas	--	--	48	39	40	--	12	--	--	115	130
Lubricants	--	--	89	194	231	--	-49	--	137	426	584
Waxes	--	--	14	--	--	--	-12	--	26	0	39
Petroleum Coke	--	--	5,494	17	--	--	416	--	591	4,504	1,194
Marketable	--	--	4,047	17	--	--	416	--	591	3,057	1,194
Catalyst	--	--	1,447	--	--	--	--	--	--	1,447	--
Asphalt and Road Oil	--	--	4,119	206	183	--	1,166	--	83	3,259	10,193
Still Gas	--	--	4,000	--	--	--	--	--	--	4,000	--
Miscellaneous Products	--	--	461	--	10	--	-6	--	0	477	135
Total	77,397	28,437	132,228	73,765	-13,716	2,341	17,118	125,797	13,466	144,071	330,997

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁴ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁵ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁶ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	627,774	--	--	761,408	-149,974	13,063	37,905	1,186,425	27,941	0	148,505
Natural Gas Plant Liquids and Liquefied Refinery Gases	230,131	-6,353	40,175	23,247	-14,383	--	7,760	29,668	85,046	150,343	60,304
Pentanes Plus	29,437	-6,353	--	42	40,765	--	-412	6,340	57,664	299	8,728
Liquefied Petroleum Gases	200,694	--	40,175	23,205	-55,148	--	8,172	23,328	27,382	150,044	51,576
Ethane/Ethylene	62,432	--	1	36	-8,043	--	348	--	21,670	32,408	4,973
Propane/Propylene	91,016	--	37,131	18,743	-38,798	--	2,978	--	1,481	103,633	29,711
Normal Butane/Butylene	31,397	--	3,418	2,441	-9,495	--	4,793	7,997	4,146	10,825	14,908
Isobutane/Isobutylene	15,849	--	-375	1,985	1,188	--	53	15,331	85	3,178	1,984
Other Liquids	--	313,412	--	3,377	-100,276	18,783	416	226,309	9,575	-1,004	64,425
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	313,423	--	698	-212,578	3,514	598	98,345	6,114	0	7,732
Hydrogen	--	--	--	--	--	11,464	--	11,464	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	3	--	--	3	0	--
Renewable Fuels (including Fuel Ethanol)	--	313,423	--	58	-212,578	-7,645	608	86,539	6,111	0	7,694
Fuel Ethanol	--	294,036	--	--	-205,450	-1,550	318	81,644	5,073	0	6,954
Renewable Fuels Except Fuel Ethanol	--	19,387	--	58	-7,127	-6,095	290	4,895	1,038	0	740
Other Hydrocarbons	--	--	--	640	--	-308	-10	342	--	0	38
Unfinished Oils	--	--	--	--	-4,842	--	1,726	-6,429	865	-1,004	13,254
Motor Gasoline Blend. Comp. (MGBC)	--	-11	--	2,679	117,144	15,269	-1,908	134,393	2,596	0	43,439
Reformulated	--	--	--	--	28,123	-12,154	96	15,872	1	0	6,085
Conventional	--	-11	--	2,679	89,021	27,423	-2,004	118,521	2,595	0	37,354
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	1,001	1,469,997	9,459	73,204	-7,437	-4,032	--	23,398	1,526,858	57,763
Finished Motor Gasoline	--	1,001	858,248	44	12,491	-13,719	-462	--	2,029	856,498	6,608
Reformulated	--	--	122,076	--	--	12,293	--	--	--	134,369	--
Conventional	--	1,001	736,172	44	12,491	-26,013	-462	--	2,029	722,128	6,608
Finished Aviation Gasoline	--	--	708	5	100	--	19	--	--	794	192
Kerosene-Type Jet Fuel	--	--	76,953	8	11,572	--	349	--	7,639	80,545	6,336
Kerosene	--	--	1,079	--	228	--	-42	--	1,588	-239	165
Distillate Fuel Oil	--	--	347,964	1,400	55,004	6,282	-3,038	--	1,365	412,323	30,147
15 ppm sulfur and under ⁷	--	--	348,770	978	53,474	6,282	-2,763	--	162	412,105	29,513
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	1,064	20	1,336	--	-181	--	922	1,679	316
Greater than 500 ppm sulfur	--	--	-1,870	402	194	--	-94	--	281	-1,461	318
Residual Fuel Oil ⁸	--	--	17,854	1,288	-9,313	--	-28	--	3,728	6,129	1,318
Less than 0.31 percent sulfur	--	--	4	17	--	--	-196	--	NA	NA	42
0.31 to 1.00 percent sulfur	--	--	2,600	958	-238	--	18	--	NA	NA	161
Greater than 1.00 percent sulfur	--	--	15,250	313	-8,789	--	150	--	NA	NA	1,115
Petrochemical Feedstocks	--	--	9,423	1,261	-916	--	-78	--	--	9,846	722
Naphtha for Petro. Feed. Use	--	--	7,334	800	-970	--	-96	--	--	7,260	563
Other Oils for Petro. Feed. Use	--	--	2,089	461	54	--	18	--	--	2,586	159
Special Naphthas	--	--	467	403	522	--	-23	--	--	1,415	130
Lubricants	--	--	2,588	2,239	2,383	--	30	--	1,722	5,458	584
Waxes	--	--	401	73	--	--	6	--	267	201	39
Petroleum Coke	--	--	57,438	204	--	--	-520	--	3,696	54,466	1,194
Marketable	--	--	41,946	204	--	--	-520	--	3,696	38,974	1,194
Catalyst	--	--	15,492	--	--	--	--	--	--	15,492	--
Asphalt and Road Oil	--	--	47,422	2,533	1,094	--	-241	--	1,363	49,927	10,193
Still Gas	--	--	44,559	--	--	--	--	--	--	44,559	--
Miscellaneous Products	--	--	4,893	1	39	--	-4	--	2	4,935	135
Total	857,905	308,060	1,510,172	797,491	-191,429	24,409	42,049	1,442,402	145,960	1,676,197	330,997

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,825	--	--	2,349	-319	44	318	3,553	29	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	755	-20	9	77	-51	--	-70	123	269	448
Pentanes Plus	92	-20	--	0	125	--	29	16	192	-40
Liquefied Petroleum Gases	663	--	9	77	-175	--	-99	107	77	488
Ethane/Ethylene	219	--	--	--	-68	--	-9	--	66	93
Propane/Propylene	291	--	114	60	-102	--	40	--	3	319
Normal Butane/Butylene	107	--	-103	10	-17	--	-131	57	8	62
Isobutane/Isobutylene	47	--	-1	7	12	--	0	51	--	13
Other Liquids	--	965	--	13	-396	56	120	517	25	-24
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	965	--	2	-642	6	25	289	18	0
Hydrogen	--	--	--	--	--	35	--	35	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	965	--	--	-642	-27	25	253	18	0
Fuel Ethanol	--	906	--	--	-617	-11	18	242	18	0
Renewable Fuels Except Fuel Ethanol	--	59	--	--	-24	-17	7	11	0	0
Other Hydrocarbons	--	--	--	2	--	-2	0	1	--	0
Unfinished Oils	--	--	--	--	-40	--	-29	7	6	-24
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	11	285	50	124	221	1	0
Reformulated	--	--	--	--	52	-37	1	14	0	0
Conventional	--	0	--	11	233	86	123	207	1	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	2	4,399	20	309	-22	203	--	126	4,379
Finished Motor Gasoline	--	2	2,556	--	37	-39	13	--	11	2,532
Reformulated	--	--	368	--	--	37	--	--	--	405
Conventional	--	2	2,189	--	37	-76	13	--	11	2,127
Finished Aviation Gasoline	--	--	2	--	--	--	1	--	--	1
Kerosene-Type Jet Fuel	--	--	247	--	47	--	29	--	45	220
Kerosene	--	--	5	--	2	--	0	--	27	-20
Distillate Fuel Oil	--	--	1,037	0	240	17	110	--	8	1,176
15 ppm sulfur and under ⁶	--	--	1,042	0	238	17	115	--	0	1,182
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	4	--	2	--	-2	--	7	2
Greater than 500 ppm sulfur	--	--	-9	0	--	--	-2	--	1	-8
Residual Fuel Oil ⁷	--	--	52	2	-25	--	-3	--	7	25
Less than 0.31 percent sulfur	--	--	--	--	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	9	1	-3	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	43	1	-22	--	-2	--	NA	NA
Petrochemical Feedstocks	--	--	26	3	-7	--	1	--	--	20
Naphtha for Petro. Feed. Use	--	--	21	2	-6	--	1	--	--	16
Other Oils for Petro. Feed. Use	--	--	5	0	-1	--	0	--	--	5
Special Naphthas	--	--	2	1	1	--	0	--	--	4
Lubricants	--	--	3	6	8	--	-2	--	5	14
Waxes	--	--	0	--	--	--	0	--	1	0
Petroleum Coke	--	--	183	1	--	--	14	--	20	150
Marketable	--	--	135	1	--	--	14	--	20	102
Catalyst	--	--	48	--	--	--	--	--	--	48
Asphalt and Road Oil	--	--	137	7	6	--	39	--	3	109
Still Gas	--	--	133	--	--	--	--	--	--	133
Miscellaneous Products	--	--	15	--	0	--	0	--	0	16
Total	2,580	948	4,408	2,459	-457	78	571	4,193	449	4,802

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,880	--	--	2,280	-449	39	113	3,552	84	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	689	-19	120	70	-43	--	23	89	255	450
Pentanes Plus	88	-19	--	0	122	--	-1	19	173	1
Liquefied Petroleum Gases	601	--	120	69	-165	--	24	70	82	449
Ethane/Ethylene	187	--	0	0	-24	--	1	--	65	97
Propane/Propylene	273	--	111	56	-116	--	9	--	4	310
Normal Butane/Butylene	94	--	10	7	-28	--	14	24	12	32
Isobutane/Isobutylene	47	--	-1	6	4	--	0	46	0	10
Other Liquids	--	938	--	10	-300	56	1	678	29	-3
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	938	--	2	-636	11	2	294	18	0
Hydrogen	--	--	--	--	--	34	--	34	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	938	--	0	-636	-23	2	259	18	0
Fuel Ethanol	--	880	--	--	-615	-5	1	244	15	0
Renewable Fuels Except Fuel Ethanol	--	58	--	0	-21	-18	1	15	3	0
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	--	-14	--	5	-19	3	-3
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	8	351	46	-6	402	8	0
Reformulated	--	--	--	--	84	-36	0	48	0	0
Conventional	--	0	--	8	267	82	-6	355	8	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	3	4,401	28	219	-22	-12	--	70	4,571
Finished Motor Gasoline	--	3	2,570	0	37	-41	-1	--	6	2,564
Reformulated	--	--	365	--	--	37	--	--	--	402
Conventional	--	3	2,204	0	37	-78	-1	--	6	2,162
Finished Aviation Gasoline	--	--	2	0	0	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	230	0	35	--	1	--	23	241
Kerosene	--	--	3	--	1	--	0	--	5	-1
Distillate Fuel Oil	--	--	1,042	4	165	19	-9	--	4	1,234
15 ppm sulfur and under ⁶	--	--	1,044	3	160	19	-8	--	0	1,234
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	3	0	4	--	-1	--	3	5
Greater than 500 ppm sulfur	--	--	-6	1	1	--	0	--	1	-4
Residual Fuel Oil ⁷	--	--	53	4	-28	--	0	--	11	18
Less than 0.31 percent sulfur	--	--	0	0	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	8	3	-1	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	46	1	-26	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	28	4	-3	--	0	--	--	29
Naphtha for Petro. Feed. Use	--	--	22	2	-3	--	0	--	--	22
Other Oils for Petro. Feed. Use	--	--	6	1	0	--	0	--	--	8
Special Naphthas	--	--	1	1	2	--	0	--	--	4
Lubricants	--	--	8	7	7	--	0	--	5	16
Waxes	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	172	1	--	--	-2	--	11	163
Marketable	--	--	126	1	--	--	-2	--	11	117
Catalyst	--	--	46	--	--	--	--	--	--	46
Asphalt and Road Oil	--	--	142	8	3	--	-1	--	4	149
Still Gas	--	--	133	--	--	--	--	--	--	133
Miscellaneous Products	--	--	15	0	0	--	0	--	0	15
Total	2,569	922	4,521	2,388	-573	73	126	4,319	437	5,019

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	168,899	--	--	85,445	4,583	-523	-9,853	260,966	7,291	0	939,038
Natural Gas Plant Liquids and Liquefied Refinery Gases	59,578	-18	8,525	641	11,953	--	-7,306	11,133	21,304	55,548	136,234
Pentanes Plus	6,411	-18	--	641	-2,372	--	615	2,496	49	1,502	10,876
Liquefied Petroleum Gases	53,167	--	8,525	--	14,325	--	-7,921	8,637	21,255	54,046	125,358
Ethane/Ethylene	24,491	--	178	--	7,665	--	95	--	--	32,239	28,057
Propane/Propylene	18,535	--	10,678	--	4,488	--	-1,029	--	18,255	16,475	63,586
Normal Butane/Butylene	3,693	--	-2,302	--	1,768	--	-6,480	4,611	2,790	2,238	27,644
Isobutane/Isobutylene	6,448	--	-29	--	404	--	-507	4,026	210	3,094	6,071
Other Liquids	--	3,141	--	14,717	-49,026	-131	2,907	-49,260	13,515	1,539	115,814
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	3,141	--	316	4,581	3,992	720	8,580	2,731	0	6,213
Hydrogen	--	--	--	--	--	3,900	--	3,900	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,897	--	31	--	492	238	24	2,158	0	1,233
Renewable Fuels (including Fuel Ethanol)	--	1,244	--	276	4,581	-403	482	4,643	573	0	4,980
Fuel Ethanol	--	772	--	--	4,353	-184	288	4,120	533	0	3,869
Renewable Fuels Except Fuel Ethanol	--	472	--	276	228	-219	194	523	39	0	1,111
Other Hydrocarbons	--	--	--	9	--	4	--	13	--	0	--
Unfinished Oils	--	--	--	14,377	1,222	--	-319	8,497	5,880	1,541	42,770
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	24	-54,829	-4,123	2,505	-66,338	4,905	0	66,824
Reformulated	--	--	--	--	-12,156	3,809	772	-9,120	1	0	10,577
Conventional	--	--	--	24	-42,673	-7,932	1,733	-57,218	4,904	0	56,247
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	1	1	--	-2	7
Finished Petroleum Products	--	--	232,604	3,767	-58,729	4,690	1,359	--	69,514	111,458	115,407
Finished Motor Gasoline	--	--	71,028	379	-11,681	4,308	-1,024	--	16,437	48,621	10,596
Reformulated	--	--	12,733	--	--	-4,852	--	--	--	7,881	--
Conventional	--	--	58,295	379	-11,681	9,159	-1,024	--	16,437	40,740	10,596
Finished Aviation Gasoline	--	--	238	--	-667	--	-16	--	--	-413	335
Kerosene-Type Jet Fuel	--	--	24,638	--	-13,449	--	-737	--	3,755	8,171	13,345
Kerosene	--	--	359	--	-50	--	-1	--	48	262	321
Distillate Fuel Oil	--	--	87,317	395	-32,362	382	1,934	--	30,615	23,183	41,911
15 ppm sulfur and under ⁷	--	--	79,509	94	-30,080	382	1,698	--	27,572	20,635	34,737
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	3,479	--	-254	--	454	--	2,085	686	2,328
Greater than 500 ppm sulfur	--	--	4,329	301	-2,028	--	-218	--	958	1,862	4,846
Residual Fuel Oil ⁸	--	--	5,174	1,025	736	--	392	--	4,578	1,965	25,617
Less than 0.31 percent sulfur	--	--	1,021	--	--	--	359	--	NA	NA	2,359
0.31 to 1.00 percent sulfur	--	--	445	107	85	--	-154	--	NA	NA	2,773
Greater than 1.00 percent sulfur	--	--	3,708	918	651	--	187	--	NA	NA	20,485
Petrochemical Feedstocks	--	--	7,667	853	231	--	-318	--	--	9,069	2,318
Naphtha for Petro. Feed. Use	--	--	5,261	789	187	--	-332	--	--	6,569	1,334
Other Oils for Petro. Feed. Use	--	--	2,406	64	44	--	14	--	--	2,500	984
Special Naphthas	--	--	1,049	543	-40	--	-164	--	--	1,716	1,133
Lubricants	--	--	4,263	433	-952	--	911	--	1,307	1,526	10,228
Waxes	--	--	88	21	--	--	8	--	20	81	238
Petroleum Coke	--	--	15,654	118	--	--	21	--	12,388	3,363	3,913
Marketable	--	--	12,093	118	--	--	21	--	12,388	-198	3,913
Catalyst	--	--	3,561	--	--	--	--	--	--	3,561	--
Asphalt and Road Oil	--	--	2,328	--	-485	--	218	--	353	1,272	4,925
Still Gas	--	--	10,997	--	--	--	--	--	--	10,997	--
Miscellaneous Products	--	--	1,804	--	-10	--	135	--	14	1,645	527
Total	228,477	3,123	241,129	104,570	-91,219	4,036	-12,893	222,839	111,624	168,546	1,306,493

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil. Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	1,904,223	--	--	983,640	90,209	1,068	49,681	2,834,988	94,471	0	939,038
Natural Gas Plant Liquids and Liquefied Refinery Gases	638,013	-189	136,310	4,220	117,338	--	29,072	97,842	205,353	563,425	136,234
Pentanes Plus	75,292	-189	--	3,640	-25,654	--	-98	32,255	411	20,521	10,876
Liquefied Petroleum Gases	562,721	--	136,310	580	142,992	--	29,170	65,587	204,942	542,904	125,358
Ethane/Ethylene	250,893	--	1,756	--	62,170	--	-1,572	--	--	316,391	28,057
Propane/Propylene	200,205	--	119,564	47	50,462	--	21,635	--	180,219	168,424	63,586
Normal Butane/Butylene	44,319	--	17,570	533	22,919	--	8,947	26,642	22,493	27,259	27,644
Isobutane/Isobutylene	67,304	--	-2,580	--	7,441	--	160	38,945	2,229	30,831	6,071
Other Liquids	--	34,453	--	157,640	-577,032	14,891	-2,835	-512,530	149,086	-3,768	115,814
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	34,453	--	4,197	52,081	36,280	745	94,108	32,159	0	6,213
Hydrogen	--	--	--	--	--	40,859	--	40,859	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	21,885	--	1,270	--	-1,939	163	742	20,311	0	1,233
Renewable Fuels (including Fuel Ethanol)	--	12,568	--	2,868	52,081	-2,625	582	52,463	11,847	0	4,980
Fuel Ethanol	--	8,123	--	143	51,058	-879	456	46,430	11,559	0	3,869
Renewable Fuels Except Fuel Ethanol	--	4,445	--	2,725	1,024	-1,746	126	6,033	289	0	1,111
Other Hydrocarbons	--	--	--	59	--	-15	--	44	--	0	--
Unfinished Oils	--	--	--	148,935	4,268	--	206	76,832	79,865	-3,700	42,770
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	4,508	-633,381	-21,389	-3,784	-683,540	37,062	0	66,824
Reformulated	--	--	--	--	-153,092	39,839	29	-113,566	284	0	10,577
Conventional	--	--	--	4,508	-480,289	-61,228	-3,813	-569,974	36,778	0	56,247
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-2	70	--	-68	7
Finished Petroleum Products	--	--	2,479,467	44,746	-620,787	26,385	3,416	--	753,549	1,172,846	115,407
Finished Motor Gasoline	--	--	734,473	885	-120,234	22,268	-2,254	--	142,364	497,282	10,596
Reformulated	--	--	141,954	--	--	-47,541	--	--	--	94,413	--
Conventional	--	--	592,519	885	-120,234	69,809	-2,254	--	142,364	402,869	10,596
Finished Aviation Gasoline	--	--	2,354	--	-3,151	--	-159	--	--	-638	335
Kerosene-Type Jet Fuel	--	--	263,881	--	-157,104	--	-146	--	41,125	65,798	13,345
Kerosene	--	--	2,930	--	-228	--	75	--	2,360	267	321
Distillate Fuel Oil	--	--	935,310	3,314	-336,711	4,117	-2,135	--	339,671	268,494	41,911
15 ppm sulfur and under ⁷	--	--	849,858	135	-304,381	4,117	-2,156	--	293,223	258,662	34,737
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	30,104	--	-3,483	--	869	--	20,701	5,051	2,328
Greater than 500 ppm sulfur	--	--	55,348	3,179	-28,847	--	-848	--	25,748	4,780	4,846
Residual Fuel Oil ⁸	--	--	64,041	14,884	7,741	--	6,020	--	78,556	2,090	25,617
Less than 0.31 percent sulfur	--	--	9,797	2,291	286	--	819	--	NA	NA	2,359
0.31 to 1.00 percent sulfur	--	--	5,300	3,219	238	--	-1,173	--	NA	NA	2,773
Greater than 1.00 percent sulfur	--	--	48,944	9,374	7,217	--	6,374	--	NA	NA	20,485
Petrochemical Feedstocks	--	--	85,591	11,138	1,226	--	-212	--	--	98,167	2,318
Naphtha for Petro. Feed. Use	--	--	53,735	9,478	995	--	-204	--	--	64,412	1,334
Other Oils for Petro. Feed. Use	--	--	31,856	1,660	231	--	-8	--	--	33,755	984
Special Naphthas	--	--	12,286	4,799	-522	--	-75	--	--	16,638	1,133
Lubricants	--	--	46,404	7,533	-7,549	--	1,994	--	17,809	26,585	10,228
Waxes	--	--	1,152	375	--	--	-30	--	210	1,347	238
Petroleum Coke	--	--	165,365	1,818	--	--	-231	--	128,512	38,902	3,913
Marketable	--	--	126,217	1,818	--	--	-231	--	128,512	-246	3,913
Catalyst	--	--	39,148	--	--	--	--	--	--	39,148	--
Asphalt and Road Oil	--	--	27,950	--	-4,212	--	316	--	2,679	20,743	4,925
Still Gas	--	--	119,820	--	--	--	--	--	--	119,820	--
Miscellaneous Products	--	--	17,910	--	-43	--	253	--	262	17,352	527
Total	2,542,236	34,264	2,615,777	1,190,246	-990,271	42,345	79,334	2,420,300	1,202,459	1,732,503	1,306,493

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil. Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	5,630	--	--	2,848	153	-17	-328	8,699	243	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,986	-1	284	21	398	--	-244	371	710	1,852
Pentanes Plus	214	-1	--	21	-79	--	21	83	2	50
Liquefied Petroleum Gases	1,772	--	284	--	478	--	-264	288	709	1,802
Ethane/Ethylene	816	--	6	--	256	--	3	--	--	1,075
Propane/Propylene	618	--	356	--	150	--	-34	--	609	549
Normal Butane/Butylene	123	--	-77	--	59	--	-216	154	93	75
Isobutane/Isobutylene	215	--	-1	--	13	--	-17	134	7	103
Other Liquids	--	105	--	491	-1,634	-4	97	-1,642	451	51
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	105	--	11	153	133	24	286	91	0
Hydrogen	--	--	--	--	--	130	--	130	--	0
Oxygenates (excluding Fuel Ethanol)	--	63	--	1	--	16	8	1	72	0
Renewable Fuels (including Fuel Ethanol)	--	41	--	9	153	-13	16	155	19	0
Fuel Ethanol	--	26	--	--	145	-6	10	137	18	0
Renewable Fuels Except Fuel Ethanol	--	16	--	9	8	-7	6	17	1	0
Other Hydrocarbons	--	--	--	0	--	0	--	0	--	0
Unfinished Oils	--	--	--	479	41	--	-11	283	196	51
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	1	-1,828	-137	84	-2,211	163	0
Reformulated	--	--	--	--	-405	127	26	-304	0	0
Conventional	--	--	--	1	-1,422	-264	58	-1,907	163	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,753	126	-1,958	156	45	--	2,317	3,715
Finished Motor Gasoline	--	--	2,368	13	-389	144	-34	--	548	1,621
Reformulated	--	--	424	--	--	-162	--	--	--	263
Conventional	--	--	1,943	13	-389	305	-34	--	548	1,358
Finished Aviation Gasoline	--	--	8	--	-22	--	-1	--	--	-14
Kerosene-Type Jet Fuel	--	--	821	--	-448	--	-25	--	125	272
Kerosene	--	--	12	--	-2	--	0	--	2	9
Distillate Fuel Oil	--	--	2,911	13	-1,079	13	64	--	1,020	773
15 ppm sulfur and under ⁷	--	--	2,650	3	-1,003	13	57	--	919	688
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	116	--	-8	--	15	--	69	23
Greater than 500 ppm sulfur	--	--	144	10	-68	--	-7	--	32	62
Residual Fuel Oil ⁸	--	--	172	34	25	--	13	--	153	65
Less than 0.31 percent sulfur	--	--	34	--	--	--	12	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	15	4	3	--	-5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	124	31	22	--	6	--	NA	NA
Petrochemical Feedstocks	--	--	256	28	8	--	-11	--	--	302
Naphtha for Petro. Feed. Use	--	--	175	26	6	--	-11	--	--	219
Other Oils for Petro. Feed. Use	--	--	80	2	1	--	0	--	--	83
Special Naphthas	--	--	35	18	-1	--	-5	--	--	57
Lubricants	--	--	142	14	-32	--	30	--	44	51
Waxes	--	--	3	1	--	--	0	--	1	3
Petroleum Coke	--	--	522	4	--	--	1	--	413	112
Marketable	--	--	403	4	--	--	1	--	413	-7
Catalyst	--	--	119	--	--	--	--	--	--	119
Asphalt and Road Oil	--	--	78	--	-16	--	7	--	12	42
Still Gas	--	--	367	--	--	--	--	--	--	367
Miscellaneous Products	--	--	60	--	0	--	5	--	0	55
Total	7,616	104	8,038	3,486	-3,041	135	-430	7,428	3,721	5,618

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	5,701	--	--	2,945	270	3	149	8,488	283	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,910	-1	408	13	351	--	87	293	615	1,687
Pentanes Plus	225	-1	--	11	-77	--	0	97	1	61
Liquefied Petroleum Gases	1,685	--	408	2	428	--	87	196	614	1,625
Ethane/Ethylene	751	--	5	--	186	--	-5	--	--	947
Propane/Propylene	599	--	358	0	151	--	65	--	540	504
Normal Butane/Butylene	133	--	53	2	69	--	27	80	67	82
Isobutane/Isobutylene	202	--	-8	--	22	--	0	117	7	92
Other Liquids	--	103	--	472	-1,728	45	-8	-1,535	446	-11
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	103	--	13	156	109	2	282	96	0
Hydrogen	--	--	--	--	--	122	--	122	--	0
Oxygenates (excluding Fuel Ethanol)	--	66	--	4	--	-6	0	2	61	0
Renewable Fuels (including Fuel Ethanol)	--	38	--	9	156	-8	2	157	35	0
Fuel Ethanol	--	24	--	0	153	-3	1	139	35	0
Renewable Fuels Except Fuel Ethanol	--	13	--	8	3	-5	0	18	1	0
Other Hydrocarbons	--	--	--	0	--	0	--	0	--	0
Unfinished Oils	--	--	--	446	13	--	1	230	239	-11
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	13	-1,896	-64	-11	-2,047	111	0
Reformulated	--	--	--	--	-458	119	0	-340	1	0
Conventional	--	--	--	13	-1,438	-183	-11	-1,707	110	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,424	134	-1,859	79	10	--	2,256	3,512
Finished Motor Gasoline	--	--	2,199	3	-360	67	-7	--	426	1,489
Reformulated	--	--	425	--	--	-142	--	--	--	283
Conventional	--	--	1,774	3	-360	209	-7	--	426	1,206
Finished Aviation Gasoline	--	--	7	--	-9	--	0	--	--	-2
Kerosene-Type Jet Fuel	--	--	790	--	-470	--	0	--	123	197
Kerosene	--	--	9	--	-1	--	0	--	7	1
Distillate Fuel Oil	--	--	2,800	10	-1,008	12	-6	--	1,017	804
15 ppm sulfur and under ⁷	--	--	2,544	0	-911	12	-6	--	878	774
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	90	--	-10	--	3	--	62	15
Greater than 500 ppm sulfur	--	--	166	10	-86	--	-3	--	77	14
Residual Fuel Oil ⁸	--	--	192	45	23	--	18	--	235	6
Less than 0.31 percent sulfur	--	--	29	7	1	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	16	10	1	--	-4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	147	28	22	--	19	--	NA	NA
Petrochemical Feedstocks	--	--	256	33	4	--	-1	--	--	294
Naphtha for Petro. Feed. Use	--	--	161	28	3	--	-1	--	--	193
Other Oils for Petro. Feed. Use	--	--	95	5	1	--	0	--	--	101
Special Naphthas	--	--	37	14	-2	--	0	--	--	50
Lubricants	--	--	139	23	-23	--	6	--	53	80
Waxes	--	--	3	1	--	--	0	--	1	4
Petroleum Coke	--	--	495	5	--	--	-1	--	385	116
Marketable	--	--	378	5	--	--	-1	--	385	-1
Catalyst	--	--	117	--	--	--	--	--	--	117
Asphalt and Road Oil	--	--	84	--	-13	--	1	--	8	62
Still Gas	--	--	359	--	--	--	--	--	--	359
Miscellaneous Products	--	--	54	--	0	--	1	--	1	52
Total	7,611	103	7,832	3,564	-2,965	127	238	7,246	3,600	5,187

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	21,857	--	--	9,072	-14,231	1,945	322	18,127	195	0	22,883
Natural Gas Plant Liquids and Liquefied Refinery Gases	9,965	-10	241	379	-9,287	--	-147	842	237	356	4,214
Pentanes Plus	1,644	-10	--	--	-1,363	--	26	217	165	-137	331
Liquefied Petroleum Gases	8,321	--	241	379	-7,924	--	-173	625	72	493	3,883
Ethane/Ethylene	2,470	--	--	--	-2,460	--	-169	--	--	179	430
Propane/Propylene	3,725	--	278	358	-3,463	--	49	--	11	838	1,718
Normal Butane/Butylene	1,538	--	-79	6	-1,246	--	-93	360	62	-110	1,428
Isobutane/Isobutylene	588	--	42	15	-755	--	40	265	--	-415	307
Other Liquids	--	422	--	23	448	-510	488	-262	8	148	8,912
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	422	--	3	584	104	26	1,087	--	0	342
Hydrogen	--	--	--	--	--	194	--	194	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	422	--	3	584	-90	26	893	--	0	342
Fuel Ethanol	--	422	--	--	500	-38	25	859	--	0	333
Renewable Fuels Except Fuel Ethanol	--	--	--	3	83	-51	1	34	--	0	9
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	112	-260	0	148	3,422
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	20	-136	-615	350	-1,089	8	0	5,148
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-136	-615	350	-1,089	8	0	5,148
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	19,351	48	-47	704	595	--	38	19,423	8,411
Finished Motor Gasoline	--	--	9,395	--	-476	653	79	--	--	9,493	2,078
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	9,395	--	-476	653	79	--	--	9,493	2,078
Finished Aviation Gasoline	--	--	3	--	--	--	-1	--	--	4	8
Kerosene-Type Jet Fuel	--	--	994	--	451	--	-34	--	--	1,479	670
Kerosene	--	--	--	--	--	--	-1	--	--	1	--
Distillate Fuel Oil	--	--	6,048	--	-22	51	526	--	0	5,551	4,053
15 ppm sulfur and under ⁷	--	--	6,041	--	-22	51	552	--	0	5,518	3,779
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	16	--	--	--	-11	--	--	27	201
Greater than 500 ppm sulfur	--	--	-9	--	--	--	-15	--	--	6	73
Residual Fuel Oil ⁸	--	--	344	--	--	--	-8	--	20	332	225
Less than 0.31 percent sulfur	--	--	171	--	--	--	-12	--	NA	NA	7
0.31 to 1.00 percent sulfur	--	--	13	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	160	--	--	--	4	--	NA	NA	214
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	13	-13	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	812	--	--	--	-16	--	1	827	116
Marketable	--	--	554	--	--	--	-16	--	1	569	116
Catalyst	--	--	258	--	--	--	--	--	--	258	--
Asphalt and Road Oil	--	--	941	47	--	--	46	--	3	939	1,238
Still Gas	--	--	694	--	--	--	--	--	--	694	--
Miscellaneous Products	--	--	120	1	--	--	4	--	--	117	23
Total	31,822	412	19,592	9,522	-23,117	2,139	1,258	18,707	479	19,927	44,420

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	250,202	--	--	109,912	-142,531	-11,245	2,572	201,181	2,584	0	22,883
Natural Gas Plant Liquids and Liquefied Refinery Gases	108,069	-112	4,427	2,891	-99,205	--	979	6,313	2,495	6,283	4,214
Pentanes Plus	18,443	-112	--	--	-15,126	--	41	1,886	1,771	-493	331
Liquefied Petroleum Gases	89,626	--	4,427	2,891	-84,079	--	938	4,427	724	6,776	3,883
Ethane/Ethylene	25,803	--	--	--	-25,547	--	-88	--	--	344	430
Propane/Propylene	40,559	--	3,068	2,696	-36,677	--	354	--	170	9,122	1,718
Normal Butane/Butylene	16,766	--	1,395	19	-13,369	--	639	2,143	528	1,501	1,428
Isobutane/Isobutylene	6,498	--	-36	176	-8,486	--	33	2,284	26	-4,191	307
Other Liquids	--	5,044	--	522	5,529	-3,842	-51	5,905	296	1,103	8,912
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	5,044	--	24	6,149	1,184	-43	12,198	246	0	342
Hydrogen	--	--	--	--	--	2,073	--	2,073	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	5,044	--	24	6,149	-889	-43	10,125	246	0	342
Fuel Ethanol	--	4,796	--	--	4,938	-181	-42	9,576	19	0	333
Renewable Fuels Except Fuel Ethanol	--	248	--	24	1,212	-709	-1	549	227	0	9
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	199	-1,327	25	1,103	3,422
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	498	-620	-5,026	-207	-4,966	25	0	5,148
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-620	-5,026	-207	-4,966	25	0	5,148
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	217,258	855	60	5,915	-1,069	--	371	224,787	8,411
Finished Motor Gasoline	--	--	105,747	24	-4,067	5,207	-469	--	8	107,372	2,078
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	105,747	24	-4,067	5,207	-469	--	8	107,372	2,078
Finished Aviation Gasoline	--	--	69	8	--	--	-1	--	--	78	8
Kerosene-Type Jet Fuel	--	--	10,591	--	6,632	--	125	--	0	17,098	670
Kerosene	--	--	1	--	--	--	-1	--	--	2	--
Distillate Fuel Oil	--	--	67,822	258	-2,505	709	-521	--	0	66,804	4,053
15 ppm sulfur and under ⁷	--	--	67,265	219	-2,505	709	-408	--	0	66,095	3,779
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	514	20	--	--	-39	--	--	573	201
Greater than 500 ppm sulfur	--	--	43	19	--	--	-74	--	--	136	73
Residual Fuel Oil ⁸	--	--	4,151	163	--	--	-49	--	140	4,223	225
Less than 0.31 percent sulfur	--	--	2,141	--	--	--	-52	--	NA	NA	7
0.31 to 1.00 percent sulfur	--	--	353	163	--	--	-32	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	1,657	--	--	--	35	--	NA	NA	214
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	126	-126	--
Waxes	--	--	--	--	--	--	--	--	4	-4	--
Petroleum Coke	--	--	8,168	--	--	--	6	--	7	8,155	116
Marketable	--	--	5,545	--	--	--	6	--	7	5,532	116
Catalyst	--	--	2,623	--	--	--	--	--	--	2,623	--
Asphalt and Road Oil	--	--	11,479	389	--	--	-169	--	86	11,951	1,238
Still Gas	--	--	8,029	--	--	--	--	--	--	8,029	--
Miscellaneous Products	--	--	1,201	13	--	--	10	--	0	1,204	23
Total	358,271	4,932	221,685	114,180	-236,147	-9,171	2,431	213,399	5,746	232,173	44,420

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	729	--	--	302	-474	65	11	604	7	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	332	0	8	13	-310	--	-5	28	8	12
Pentanes Plus	55	0	--	--	-45	--	1	7	5	-5
Liquefied Petroleum Gases	277	--	8	13	-264	--	-6	21	2	16
Ethane/Ethylene	82	--	--	--	-82	--	-6	--	--	6
Propane/Propylene	124	--	9	12	-115	--	2	--	0	28
Normal Butane/Butylene	51	--	-3	0	-42	--	-3	12	2	-4
Isobutane/Isobutylene	20	--	1	1	-25	--	1	9	--	-14
Other Liquids	--	14	--	1	15	-17	16	-9	0	5
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	0	19	3	1	36	--	0
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	14	--	0	19	-3	1	30	--	0
Fuel Ethanol	--	14	--	--	17	-1	1	29	--	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	3	-2	0	1	--	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	4	-9	0	5
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	1	-5	-20	12	-36	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-5	-20	12	-36	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	645	2	-2	23	20	--	1	647
Finished Motor Gasoline	--	--	313	--	-16	22	3	--	--	316
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	313	--	-16	22	3	--	--	316
Finished Aviation Gasoline	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	33	--	15	--	-1	--	--	49
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	202	--	-1	2	18	--	0	185
15 ppm sulfur and under ⁶	--	--	201	--	-1	2	18	--	0	184
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	1	--	--	--	0	--	--	1
Greater than 500 ppm sulfur	--	--	0	--	--	--	-1	--	--	0
Residual Fuel Oil ⁷	--	--	11	--	--	--	0	--	1	11
Less than 0.31 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	0	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	27	--	--	--	-1	--	0	28
Marketable	--	--	18	--	--	--	-1	--	0	19
Catalyst	--	--	9	--	--	--	--	--	--	9
Asphalt and Road Oil	--	--	31	2	--	--	2	--	0	31
Still Gas	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products	--	--	4	0	--	--	0	--	--	4
Total	1,061	14	653	317	-771	71	42	624	16	664

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	749	--	--	329	-427	-34	8	602	8	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	324	0	13	9	-297	--	3	19	7	19
Pentanes Plus	55	0	--	--	-45	--	0	6	5	-1
Liquefied Petroleum Gases	268	--	13	9	-252	--	3	13	2	20
Ethane/Ethylene	77	--	--	--	-76	--	0	--	--	1
Propane/Propylene	121	--	9	8	-110	--	1	--	1	27
Normal Butane/Butylene	50	--	4	0	-40	--	2	6	2	4
Isobutane/Isobutylene	19	--	0	1	-25	--	0	7	0	-13
Other Liquids	--	15	--	2	17	-12	0	18	1	3
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	15	--	0	18	4	0	37	1	0
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	15	--	0	18	-3	0	30	1	0
Fuel Ethanol	--	14	--	--	15	-1	0	29	0	0
Renewable Fuels Except Fuel Ethanol	--	1	--	0	4	-2	0	2	1	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	1	-4	0	3
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	1	-2	-15	-1	-15	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-2	-15	-1	-15	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	650	3	0	18	-3	--	1	673
Finished Motor Gasoline	--	--	317	0	-12	16	-1	--	0	321
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	317	0	-12	16	-1	--	0	321
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	32	--	20	--	0	--	0	51
Kerosene	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	203	1	-8	2	-2	--	0	200
15 ppm sulfur and under ⁶	--	--	201	1	-8	2	-1	--	0	198
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	2	0	--	--	0	--	--	2
Greater than 500 ppm sulfur	--	--	0	0	--	--	0	--	--	0
Residual Fuel Oil ⁷	--	--	12	0	--	--	0	--	0	13
Less than 0.31 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	24	--	--	--	0	--	0	24
Marketable	--	--	17	--	--	--	0	--	0	17
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	34	1	--	--	-1	--	0	36
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	4	0	--	--	0	--	0	4
Total	1,073	15	664	342	-707	-27	7	639	17	695

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	32,685	--	--	34,179	4,921	2,675	1,497	72,963	0	0	56,979
Natural Gas Plant Liquids and Liquefied Refinery Gases	2,171	-13	-33	232	--	--	-1,330	2,377	982	328	6,784
Pentanes Plus	1,013	-13	--	--	--	--	-25	873	18	134	39
Liquefied Petroleum Gases	1,158	--	-33	232	--	--	-1,305	1,504	964	194	6,745
Ethane/Ethylene	2	--	--	--	--	--	--	--	--	2	--
Propane/Propylene	378	--	1,028	230	--	--	-299	--	849	1,086	2,354
Normal Butane/Butylene	493	--	-1,155	--	--	--	-997	976	115	-756	3,889
Isobutane/Isobutylene	285	--	94	2	--	--	-9	528	--	-138	502
Other Liquids	--	703	--	2,405	9,820	-459	843	9,341	558	1,727	52,604
Hydrogen/Oxygenates/Renewables/	--	--	--	--	--	--	--	--	--	--	--
Other Hydrocarbons	--	703	--	725	4,401	612	190	6,209	42	0	3,835
Hydrogen	--	--	--	--	--	1,239	--	1,239	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	703	--	725	4,401	-628	190	4,970	42	0	3,835
Fuel Ethanol	--	557	--	431	4,028	-201	297	4,502	16	0	2,699
Renewable Fuels Except Fuel Ethanol	--	146	--	294	373	-427	-107	468	26	0	1,136
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	152	--	--	-71	-1,701	197	1,727	21,177
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	1,528	5,419	-1,071	724	4,833	319	0	27,592
Reformulated	--	--	--	144	2,604	590	876	2,461	1	0	13,540
Conventional	--	--	--	1,384	2,815	-1,660	-152	2,372	319	0	14,052
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	89,091	3,958	1,603	1,585	2,457	--	10,871	82,909	35,081
Finished Motor Gasoline	--	--	45,562	28	278	1,272	83	--	918	46,139	1,970
Reformulated	--	--	32,262	--	--	-874	3	--	--	31,385	18
Conventional	--	--	13,300	28	278	2,146	80	--	918	14,753	1,952
Finished Aviation Gasoline	--	--	0	--	--	--	-32	--	--	32	165
Kerosene-Type Jet Fuel	--	--	12,767	1,730	125	--	130	--	520	13,972	9,092
Kerosene	--	--	17	--	--	--	-6	--	3	20	40
Distillate Fuel Oil	--	--	18,464	108	1,200	313	1,825	--	4,540	13,720	14,005
15 ppm sulfur and under ⁷	--	--	17,614	108	1,200	313	1,945	--	3,196	14,093	12,842
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	30	--	--	--	-34	--	832	-768	298
Greater than 500 ppm sulfur	--	--	820	--	--	--	-86	--	512	394	865
Residual Fuel Oil ⁸	--	--	3,032	1,908	--	--	-209	--	1,140	4,009	5,741
Less than 0.31 percent sulfur	--	--	1	90	--	--	-57	--	NA	NA	238
0.31 to 1.00 percent sulfur	--	--	654	--	--	--	-100	--	NA	NA	659
Greater than 1.00 percent sulfur	--	--	2,377	1,818	--	--	-52	--	NA	NA	4,838
Petrochemical Feedstocks	--	--	4	34	--	--	0	--	--	38	1
Naphtha for Petro. Feed. Use	--	--	4	34	--	--	0	--	--	38	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	44	--	--	--	31	--	--	13	53
Lubricants	--	--	644	32	--	--	109	--	313	254	911
Waxes	--	--	--	25	--	--	--	--	4	21	--
Petroleum Coke	--	--	3,956	31	--	--	321	--	3,397	269	1,643
Marketable	--	--	3,239	31	--	--	321	--	3,397	-448	1,643
Catalyst	--	--	717	--	--	--	--	--	--	717	--
Asphalt and Road Oil	--	--	706	62	--	--	198	--	35	535	1,374
Still Gas	--	--	3,558	--	--	--	--	--	--	3,558	--
Miscellaneous Products	--	--	337	--	--	--	7	--	1	329	86
Total	34,856	690	89,058	40,774	16,344	3,801	3,467	84,681	12,411	84,965	151,448

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	356,403	--	--	377,245	51,168	25,188	7,713	799,382	2,909	0	56,979
Natural Gas Plant Liquids and Liquefied Refinery Gases	22,118	-141	18,506	1,686	--	--	1,705	23,221	11,979	5,264	6,784
Pentanes Plus	10,148	-141	--	18	--	--	-35	8,280	711	1,069	39
Liquefied Petroleum Gases	11,970	--	18,506	1,668	--	--	1,740	14,941	11,268	4,195	6,745
Ethane/Ethylene	32	--	--	--	--	--	--	--	--	32	--
Propane/Propylene	4,143	--	13,965	1,639	--	--	160	--	6,969	12,618	2,354
Normal Butane/Butylene	3,978	--	3,414	27	--	--	1,557	7,965	4,288	-6,391	3,889
Isobutane/Isobutylene	3,817	--	1,127	2	--	--	23	6,976	11	-2,064	502
Other Liquids	--	8,242	--	39,489	104,892	5,549	2,236	149,079	4,703	2,153	52,604
Hydrogen/Oxygenates/Renewables/	--	--	--	--	--	--	--	--	--	--	--
Other Hydrocarbons	--	8,242	--	5,343	49,567	8,705	951	70,202	704	0	3,835
Hydrogen	--	--	--	--	--	13,680	--	13,680	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	16	--	--	16	0	--
Renewable Fuels (including Fuel Ethanol)	--	8,242	--	5,343	49,567	-4,990	951	56,522	688	0	3,835
Fuel Ethanol	--	6,207	--	832	46,041	-971	470	51,345	294	0	2,699
Renewable Fuels Except Fuel Ethanol	--	2,035	--	4,511	3,526	-4,019	481	5,177	394	0	1,136
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	16,865	--	--	4,566	9,003	1,143	2,153	21,177
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	17,281	55,325	-3,157	-3,281	69,874	2,856	0	27,592
Reformulated	--	--	--	2,074	27,594	4,267	-2,241	36,175	1	0	13,540
Conventional	--	--	--	15,207	27,731	-7,424	-1,040	33,699	2,855	0	14,052
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1,009,464	44,174	16,849	7,368	-606	--	113,582	964,880	35,081
Finished Motor Gasoline	--	--	528,075	2,259	3,018	4,128	-776	--	10,610	527,646	1,970
Reformulated	--	--	365,713	--	--	-3,913	6	--	--	361,794	18
Conventional	--	--	162,362	2,259	3,018	8,041	-782	--	10,610	165,852	1,952
Finished Aviation Gasoline	--	--	529	--	28	--	-73	--	--	630	165
Kerosene-Type Jet Fuel	--	--	142,428	19,729	3,154	--	369	--	7,739	157,203	9,092
Kerosene	--	--	85	--	--	--	-73	--	189	-31	40
Distillate Fuel Oil	--	--	192,196	5,337	12,053	3,240	-879	--	36,410	177,295	14,005
15 ppm sulfur and under ⁷	--	--	181,372	4,154	12,053	3,240	-625	--	26,123	175,321	12,842
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	2,272	4	--	--	-122	--	5,230	-2,832	298
Greater than 500 ppm sulfur	--	--	8,552	1,179	--	--	-132	--	5,057	4,806	865
Residual Fuel Oil ⁸	--	--	38,442	14,473	--	--	1,005	--	16,354	35,556	5,741
Less than 0.31 percent sulfur	--	--	75	185	--	--	-65	--	NA	NA	238
0.31 to 1.00 percent sulfur	--	--	7,365	718	--	--	-24	--	NA	NA	659
Greater than 1.00 percent sulfur	--	--	31,002	13,570	--	--	1,094	--	NA	NA	4,838
Petrochemical Feedstocks	--	--	59	415	--	--	-1	--	--	475	1
Naphtha for Petro. Feed. Use	--	--	59	415	--	--	-1	--	--	475	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	414	--	--	--	-3	--	--	417	53
Lubricants	--	--	6,629	218	-1,408	--	-320	--	2,916	2,843	911
Waxes	--	--	--	375	--	--	--	--	61	314	--
Petroleum Coke	--	--	47,716	347	--	--	92	--	38,582	9,389	1,643
Marketable	--	--	37,534	347	--	--	92	--	38,582	-793	1,643
Catalyst	--	--	10,182	--	--	--	--	--	--	10,182	--
Asphalt and Road Oil	--	--	8,602	1,021	--	--	35	--	709	8,879	1,374
Still Gas	--	--	40,071	--	--	--	--	--	--	40,071	--
Miscellaneous Products	--	--	4,218	--	4	--	18	--	11	4,193	86
Total	378,521	8,101	1,027,970	462,594	172,909	38,105	11,048	971,682	133,172	972,297	151,448

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,089	--	--	1,139	164	89	50	2,432	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	72	0	-1	8	--	--	-44	79	33	11
Pentanes Plus	34	0	--	--	--	--	-1	29	1	4
Liquefied Petroleum Gases	39	--	-1	8	--	--	-44	50	32	6
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	13	--	34	8	--	--	-10	--	28	36
Normal Butane/Butylene	16	--	-39	--	--	--	-33	33	4	-25
Isobutane/Isobutylene	10	--	3	0	--	--	0	18	--	-5
Other Liquids	--	23	--	80	327	-15	28	311	19	58
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	23	--	24	147	20	6	207	1	0
Hydrogen	--	--	--	--	--	41	--	41	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	23	--	24	147	-21	6	166	1	0
Fuel Ethanol	--	19	--	14	134	-7	10	150	1	0
Renewable Fuels Except Fuel Ethanol	--	5	--	10	12	-14	-4	16	1	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	5	--	--	-2	-57	7	58
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	51	181	-36	24	161	11	0
Reformulated	--	--	--	5	87	20	29	82	0	0
Conventional	--	--	--	46	94	-55	-5	79	11	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,970	132	53	53	82	--	362	2,764
Finished Motor Gasoline	--	--	1,519	1	9	42	3	--	31	1,538
Reformulated	--	--	1,075	--	--	-29	0	--	--	1,046
Conventional	--	--	443	1	9	72	3	--	31	492
Finished Aviation Gasoline	--	--	0	--	--	--	-1	--	--	1
Kerosene-Type Jet Fuel	--	--	426	58	4	--	4	--	17	466
Kerosene	--	--	1	--	--	--	0	--	0	1
Distillate Fuel Oil	--	--	615	4	40	10	61	--	151	457
15 ppm sulfur and under ⁶	--	--	587	4	40	10	65	--	107	470
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	1	--	--	--	-1	--	28	-26
Greater than 500 ppm sulfur	--	--	27	--	--	--	-3	--	17	13
Residual Fuel Oil ⁷	--	--	101	64	--	--	-7	--	38	134
Less than 0.31 percent sulfur	--	--	0	3	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	22	--	--	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	79	61	--	--	-2	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	1	--	--	0
Lubricants	--	--	21	1	--	--	4	--	10	8
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	132	1	--	--	11	--	113	9
Marketable	--	--	108	1	--	--	11	--	113	-15
Catalyst	--	--	24	--	--	--	--	--	--	24
Asphalt and Road Oil	--	--	24	2	--	--	7	--	1	18
Still Gas	--	--	119	--	--	--	--	--	--	119
Miscellaneous Products	--	--	11	--	--	--	0	--	0	11
Total	1,162	23	2,969	1,359	545	127	116	2,823	414	2,832

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2015
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,067	--	--	1,129	153	75	23	2,393	9	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	66	0	55	5	--	--	5	70	36	16
Pentanes Plus	30	0	--	0	--	--	0	25	2	3
Liquefied Petroleum Gases	36	--	55	5	--	--	5	45	34	13
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	12	--	42	5	--	--	0	--	21	38
Normal Butane/Butylene	12	--	10	0	--	--	5	24	13	-19
Isobutane/Isobutylene	11	--	3	0	--	--	0	21	0	-6
Other Liquids	--	25	--	118	314	17	7	446	14	6
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	25	--	16	148	26	3	210	2	0
Hydrogen	--	--	--	--	--	41	--	41	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	25	--	16	148	-15	3	169	2	0
Fuel Ethanol	--	19	--	2	138	-3	1	154	1	0
Renewable Fuels Except Fuel Ethanol	--	6	--	14	11	-12	1	16	1	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	50	--	--	14	27	3	6
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	52	166	-9	-10	209	9	0
Reformulated	--	--	--	6	83	13	-7	108	0	0
Conventional	--	--	--	46	83	-22	-3	101	9	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,022	132	50	22	-2	--	340	2,889
Finished Motor Gasoline	--	--	1,581	7	9	12	-2	--	32	1,580
Reformulated	--	--	1,095	--	--	-12	0	--	--	1,083
Conventional	--	--	486	7	9	24	-2	--	32	497
Finished Aviation Gasoline	--	--	2	--	0	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	426	59	9	--	1	--	23	471
Kerosene	--	--	0	--	--	--	0	--	1	0
Distillate Fuel Oil	--	--	575	16	36	10	-3	--	109	531
15 ppm sulfur and under ⁶	--	--	543	12	36	10	-2	--	78	525
Greater than 15 ppm to 500 ppm sulfur ⁶	--	--	7	0	--	--	0	--	16	-8
Greater than 500 ppm sulfur	--	--	26	4	--	--	0	--	15	14
Residual Fuel Oil ⁷	--	--	115	43	--	--	3	--	49	106
Less than 0.31 percent sulfur	--	--	0	1	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	22	2	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	93	41	--	--	3	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	20	1	-4	--	-1	--	9	9
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	143	1	--	--	0	--	116	28
Marketable	--	--	112	1	--	--	0	--	116	-2
Catalyst	--	--	30	--	--	--	--	--	--	30
Asphalt and Road Oil	--	--	26	3	--	--	0	--	2	27
Still Gas	--	--	120	--	--	--	--	--	--	120
Miscellaneous Products	--	--	13	--	0	--	0	--	0	13
Total	1,133	24	3,078	1,385	518	114	33	2,909	399	2,911

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments. Includes crude oil receipts by rail.

³ Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, November 2015
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,324	54,760	168,899	21,857	32,685	279,526	9,318
Alaskan	--	--	--	--	--	15,686	523
Lower 48 States	--	--	--	--	--	263,840	8,795
Imports (PAD District of Entry)	21,949	70,472	85,445	9,072	34,179	221,117	7,371
Commercial	21,949	70,472	85,445	9,072	34,179	221,117	7,371
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	14,293	-9,567	4,583	-14,231	4,921	--	--
Adjustments ¹	-1,078	1,331	-523	1,945	2,675	4,351	145
Disposition							
Stock Change ²	-787	9,536	-9,853	322	1,497	715	24
Commercial	--	--	-9,850	--	--	718	24
SPR	--	--	-3	--	--	-3	0
Refinery Inputs	36,025	106,601	260,966	18,127	72,963	494,682	16,489
Exports	1,250	860	7,291	195	0	9,596	320
Ending Stocks							
Total	15,136	148,505	939,038	22,883	56,979	1,182,541	--
Commercial	15,136	148,505	243,915	22,883	56,979	487,418	--
Refinery	11,926	16,212	47,407	2,212	23,773	101,530	--
Tank Farms and Pipelines	3,077	126,101	175,351	16,930	26,952	348,411	--
Cushing, Oklahoma	--	58,627	--	--	--	58,627	--
Lease ³	133	6,192	21,157	3,741	881	32,104	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	5,373	5,373	--
SPR	--	--	695,123	--	--	695,123	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	58.8	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	34.4	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	161	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	21,949	70,472	85,445	9,072	34,179	221,117	7,371
PAD District of Processing	22,779	64,186	91,937	7,975	34,240	221,117	7,371

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 26. Production of Crude Oil by PAD District and State, November 2015
(Thousand Barrels)

PAD District and State	November 2015		January-November 2015	
	Total	Daily Average	Total	Daily Average
PAD District 1	1,324	44	16,738	50
Florida	183	6	2,020	6
New York	28	1	312	1
Pennsylvania	578	19	6,744	20
Virginia	1	0	15	0
West Virginia	534	18	7,647	23
PAD District 2	54,760	1,825	627,774	1,880
Illinois	769	26	8,717	26
Indiana	163	5	2,043	6
Kansas	3,276	109	41,294	124
Kentucky	74	2	2,505	8
Michigan	512	17	5,961	18
Missouri	10	0	127	0
Nebraska	207	7	2,734	8
North Dakota	35,060	1,169	393,159	1,177
Ohio	2,440	81	23,873	71
Oklahoma	12,084	403	145,484	436
South Dakota	142	5	1,556	5
Tennessee	24	1	321	1
PAD District 3	168,899	5,630	1,904,223	5,701
Alabama	790	26	8,960	27
Arkansas	493	16	6,018	18
Louisiana	5,015	167	58,257	174
Mississippi	1,692	56	22,539	67
New Mexico	12,404	413	138,270	414
Texas	102,024	3,401	1,157,789	3,466
Federal Offshore PAD District 3	46,481	1,549	512,389	1,534
PAD District 4	21,857	729	250,202	749
Colorado	10,064	335	109,171	327
Montana	2,174	72	26,414	79
Utah	2,715	90	34,171	102
Wyoming	6,906	230	80,446	241
PAD District 5	32,685	1,089	356,403	1,067
Alaska	15,686	523	160,507	481
South Alaska	503	17	6,167	18
North Slope	15,182	506	154,340	462
Arizona	2	0	39	0
California	16,450	548	184,957	554
Nevada	20	1	257	1
Federal Offshore PAD District 5	527	18	10,643	32
U.S. Total	279,526	9,318	3,155,339	9,447

– = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids	15	8,705	8,720	5,605	5,462	11,570	22,637
Pentanes Plus	—	982	982	569	704	1,475	2,748
Liquefied Petroleum Gases	15	7,723	7,738	5,036	4,758	10,095	19,889
Ethane	—	3,015	3,015	1,328	1,334	3,894	6,556
Propane	5	3,204	3,209	2,487	2,174	4,061	8,722
Normal Butane	10	1,108	1,118	712	995	1,505	3,212
Isobutane	—	396	396	509	255	635	1,399

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids	41,097	7,154	5,795	706	4,826	59,578	9,965	2,171	103,071
Pentanes Plus	4,401	614	666	183	547	6,411	1,644	1,013	12,798
Liquefied Petroleum Gases	36,696	6,540	5,129	523	4,279	53,167	8,321	1,158	90,273
Ethane	16,670	3,473	2,281	136	1,931	24,491	2,470	2	36,534
Propane	12,990	1,955	1,824	216	1,550	18,535	3,725	378	34,569
Normal Butane	4,349	-1,918	631	107	524	3,693	1,538	493	10,054
Isobutane	2,687	3,030	393	64	274	6,448	588	285	9,116

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids	7	208	215	660	120	348	1,128
Pentanes Plus	—	50	50	127	31	36	194
Liquefied Petroleum Gases	7	158	165	533	89	312	934
Ethane	—	—	—	67	2	146	215
Propane	3	113	116	349	58	98	505
Normal Butane	4	37	41	56	21	40	117
Isobutane	—	8	8	61	8	28	97

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids	225	2,174	1,335	27	—	3,761	137	450	5,691
Pentanes Plus	30	65	382	4	—	481	50	29	804
Liquefied Petroleum Gases	195	2,109	953	23	—	3,280	87	421	4,887
Ethane	43	1,052	—	—	—	1,095	1	—	1,311
Propane	41	791	30	16	—	878	51	48	1,598
Normal Butane	102	175	878	7	—	1,162	29	352	1,701
Isobutane	9	91	45	—	—	145	6	21	277

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	33,132	2,893	36,025	70,518	14,592	21,491	106,601
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	2,230	12	2,242	2,311	240	1,140	3,691
Pentanes Plus	321	—	321	86	17	366	469
Liquefied Petroleum Gases	1,909	12	1,921	2,225	223	774	3,222
Normal Butane	1,558	12	1,570	1,122	173	401	1,696
Isobutane	351	—	351	1,103	50	373	1,526
Other Liquids	67,385	5,945	73,330	10,848	2,734	1,923	15,505
Hydrogen/Oxygenates/Renewables/							
Other Hydrocarbons	9,357	765	10,122	5,694	1,420	1,559	8,673
Hydrogen	107	27	134	703	247	108	1,058
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	9,250	738	9,988	4,964	1,173	1,451	7,588
Fuel Ethanol	8,971	696	9,667	4,745	1,123	1,390	7,258
Renewable Diesel Fuel	279	42	321	219	50	61	330
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	27	—	—	27
Unfinished Oils (net)	1,337	-101	1,236	800	-253	-343	204
Naphthas and Lighter	719	-62	657	601	-82	206	725
Kerosene and Light Gas Oils	-134	-1	-135	106	-134	-294	-322
Heavy Gas Oils	630	-34	596	830	-37	-138	655
Residuum	122	-4	118	-737	—	-117	-854
Motor Gasoline Blend.Comp. (MGBC)(net)	56,691	5,281	61,972	4,354	1,567	707	6,628
Reformulated - RBOB	14,945	—	14,945	-901	803	524	426
Conventional	41,746	5,281	47,027	5,255	764	183	6,202
CBOB	35,836	5,282	41,118	4,268	636	210	5,114
GTAB	1,644	—	1,644	—	—	—	—
Other	4,266	-1	4,265	987	128	-27	1,088
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	102,747	8,850	111,597	83,677	17,566	24,554	125,797

See footnotes at end of table.

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,971	128,723	100,472	6,977	3,823	260,966	18,127	72,963	494,682
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	512	5,144	5,116	196	165	11,133	842	2,377	20,285
Pentanes Plus	173	1,109	1,199	14	1	2,496	217	873	4,376
Liquefied Petroleum Gases	339	4,035	3,917	182	164	8,637	625	1,504	15,909
Normal Butane	98	2,131	2,255	127	—	4,611	360	976	9,213
Isobutane	241	1,904	1,662	55	164	4,026	265	528	6,696
Other Liquids	7,842	-32,296	-29,487	5,310	-629	-49,260	-262	9,341	48,654
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	1,938	3,064	2,306	1,061	211	8,580	1,087	6,209	34,671
Hydrogen	23	2,169	1,591	67	50	3,900	194	1,239	6,525
Oxygenates (excluding Fuel Ethanol)	—	24	—	—	—	24	—	—	24
Methyl Tertiary Butyl Ether (MTBE)	—	24	—	—	—	24	—	—	24
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,915	871	702	994	161	4,643	893	4,970	28,082
Fuel Ethanol	1,831	797	418	923	151	4,120	859	4,502	26,406
Renewable Diesel Fuel	84	72	284	71	10	521	34	468	1,674
Other Renewable Fuels	—	2	—	—	—	2	—	—	2
Other Hydrocarbons	—	—	13	—	—	13	—	—	40
Unfinished Oils (net)	-200	1,216	7,635	15	-169	8,497	-260	-1,701	7,976
Naphthas and Lighter	-155	-1,941	-1,467	46	-83	-3,600	-9	8	-2,219
Kerosene and Light Gas Oils	33	-2,470	-33	-26	-44	-2,540	-215	669	-2,543
Heavy Gas Oils	-74	6,047	5,098	40	-42	11,069	-97	-2,551	9,672
Residuum	-4	-420	4,037	-45	—	3,568	61	173	3,066
Motor Gasoline Blend.Comp. (MGBC)(net)	6,105	-36,576	-39,430	4,234	-671	-66,338	-1,089	4,833	6,006
Reformulated - RBOB	4,652	-9,948	-2,974	—	-850	-9,120	—	2,461	8,712
Conventional	1,453	-26,628	-36,456	4,234	179	-57,218	-1,089	2,372	-2,706
CBOB	1,730	-27,931	-35,101	4,258	125	-56,919	-1,361	1,426	-10,622
GTAB	—	—	—	—	—	—	—	—	1,644
Other	-277	1,303	-1,355	-24	54	-299	272	946	6,272
Aviation Gasoline Blend. Comp. (net)	-1	—	2	—	—	1	—	—	1
Total Input	29,325	101,571	76,101	12,483	3,359	222,839	18,707	84,681	563,621

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	952	-39	913	673	-274	-133	266
Ethane/Ethylene	18	—	18	—	—	—	—
Ethane	—	—	—	—	—	—	—
Ethylene	18	—	18	—	—	—	—
Propane/Propylene	1,160	24	1,184	2,413	411	582	3,406
Propane	855	24	879	1,536	239	409	2,184
Propylene	305	—	305	877	172	173	1,222
Normal Butane/Butylene	-209	-41	-250	-1,845	-599	-656	-3,100
Normal Butane	-169	-41	-210	-1,768	-599	-661	-3,028
Butylene	-40	—	-40	-77	—	5	-72
Isobutane/Isobutylene	-17	-22	-39	105	-86	-59	-40
Isobutane	-17	-22	-39	105	-86	-59	-40
Isobutylene	—	—	—	—	—	—	—
Finished Motor Gasoline	84,045	7,123	91,168	51,146	10,804	14,731	76,681
Reformulated	37,695	—	37,695	8,653	1,436	937	11,026
Reformulated Blended with Fuel Ethanol	37,695	—	37,695	8,653	1,436	937	11,026
Reformulated Other	—	—	—	—	—	—	—
Conventional	46,350	7,123	53,473	42,493	9,368	13,794	65,655
Conventional Blended with Fuel Ethanol	50,942	6,975	57,917	38,456	9,787	12,936	61,179
Ed55 and Lower	50,928	6,975	57,903	38,452	9,774	12,917	61,143
Greater than Ed55	14	—	14	4	13	19	36
Conventional Other	-4,592	148	-4,444	4,037	-419	858	4,476
Finished Aviation Gasoline	—	—	—	—	55	—	55
Kerosene-Type Jet Fuel	3,163	—	3,163	5,880	776	758	7,414
Kerosene	174	-4	170	134	—	4	138
Distillate Fuel Oil	10,552	816	11,368	18,698	4,448	7,963	31,109
15 ppm sulfur and under	9,147	737	9,884	18,916	4,395	7,941	31,252
Greater than 15 ppm to 500 ppm sulfur	209	144	353	-31	57	101	127
Greater than 500 ppm sulfur	1,196	-65	1,131	-187	-4	-79	-270
Residual Fuel Oil	1,470	10	1,480	1,189	275	91	1,555
Less than 0.31 percent sulfur	180	10	190	—	—	—	—
0.31 to 1.00 percent sulfur	190	—	190	134	123	—	257
Greater than 1.00 percent sulfur	1,100	—	1,100	1,055	152	91	1,298
Petrochemical Feedstocks	116	—	116	759	1	25	785
Naphtha for Petro. Feed. Use	116	—	116	625	1	—	626
Other Oils for Petro. Feed. Use	—	—	—	134	—	25	159
Special Naphthas	—	23	23	39	—	9	48
Lubricants	215	171	386	—	—	89	89
Waxes	—	0	0	—	—	14	14
Petroleum Coke	1,142	20	1,162	3,951	728	815	5,494
Marketable	448	—	448	2,863	566	618	4,047
Catalyst	694	20	714	1,088	162	197	1,447
Asphalt and Road Oil	1,143	625	1,768	2,588	1,136	395	4,119
Still Gas	1,261	62	1,323	2,357	654	989	4,000
Miscellaneous Products	64	30	94	317	103	41	461
Total	104,297	8,837	113,134	87,731	18,706	25,791	132,228
Processing Gain(-) or Loss(+) ¹	-1,550	13	-1,537	-4,054	-1,140	-1,237	-6,431

See footnotes at end of table.

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	-9	4,339	4,179	17	-1	8,525	241	-33	9,912
Ethane/Ethylene	1	172	5	—	—	178	—	—	196
Ethane	1	159	5	—	—	165	—	—	165
Ethylene	—	13	—	—	—	13	—	—	31
Propane/Propylene	412	5,460	4,736	23	47	10,678	278	1,028	16,574
Propane	75	2,285	1,727	23	47	4,157	272	811	8,303
Propylene	337	3,175	3,009	—	—	6,521	6	217	8,271
Normal Butane/Butylene	-387	-1,041	-821	-6	-47	-2,302	-79	-1,155	-6,886
Normal Butane	-388	-613	-833	-6	-62	-1,902	-107	-1,164	-6,411
Butylene	1	-428	12	—	15	-400	28	9	-475
Isobutane/Isobutylene	-35	-252	259	—	-1	-29	42	94	28
Isobutane	-35	-230	259	—	-1	-7	42	94	50
Isobutylene	—	-22	—	—	—	-22	—	—	-22
Finished Motor Gasoline	19,834	28,042	13,876	7,678	1,598	71,028	9,395	45,562	293,834
Reformulated	6,463	6,270	—	—	—	12,733	—	32,262	93,716
Reformulated Blended with Fuel Ethanol	6,463	6,270	—	—	—	12,733	—	32,262	93,716
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	13,371	21,772	13,876	7,678	1,598	58,295	9,395	13,300	200,118
Conventional Blended with Fuel Ethanol	12,002	1,674	4,214	9,166	1,515	28,571	8,630	12,816	169,113
Ed55 and Lower	11,999	1,674	4,214	9,161	1,515	28,563	8,627	12,811	169,047
Greater than Ed55	3	—	—	5	—	8	3	5	66
Conventional Other	1,369	20,098	9,662	-1,488	83	29,724	765	484	31,005
Finished Aviation Gasoline	75	119	44	—	—	238	3	0	296
Kerosene-Type Jet Fuel	1,224	11,674	11,551	189	—	24,638	994	12,767	48,976
Kerosene	3	-31	371	16	—	359	—	17	684
Distillate Fuel Oil	6,669	41,807	34,763	2,495	1,583	87,317	6,048	18,464	154,306
15 ppm sulfur and under	6,654	39,618	29,246	2,408	1,583	79,509	6,041	17,614	144,300
Greater than 15 ppm to 500 ppm sulfur	15	780	2,655	29	—	3,479	16	30	4,005
Greater than 500 ppm sulfur	—	1,409	2,862	58	—	4,329	-9	820	6,001
Residual Fuel Oil	415	1,271	3,513	-55	30	5,174	344	3,032	11,585
Less than 0.31 percent sulfur	242	8	771	—	—	1,021	171	1	1,383
0.31 to 1.00 percent sulfur	—	283	198	-55	19	445	13	654	1,559
Greater than 1.00 percent sulfur	173	980	2,544	—	11	3,708	160	2,377	8,643
Petrochemical Feedstocks	121	5,511	2,035	—	—	7,667	—	4	8,572
Naphtha for Petro. Feed. Use	104	4,140	1,017	—	—	5,261	—	4	6,007
Other Oils for Petro. Feed. Use	17	1,371	1,018	—	—	2,406	—	—	2,565
Special Naphthas	111	711	—	227	—	1,049	—	44	1,164
Lubricants	33	1,871	1,552	807	—	4,263	—	644	5,382
Waxes	—	28	41	19	—	88	—	—	102
Petroleum Coke	472	8,706	6,306	140	30	15,654	812	3,956	27,078
Marketable	221	6,770	4,974	128	—	12,093	554	3,239	20,381
Catalyst	251	1,936	1,332	12	30	3,561	258	717	6,697
Asphalt and Road Oil	211	375	668	996	78	2,328	941	706	9,862
Still Gas	776	5,788	4,169	179	85	10,997	694	3,558	20,572
Miscellaneous Products	139	1,023	614	20	8	1,804	120	337	2,816
Total	30,074	111,234	83,682	12,728	3,411	241,129	19,592	89,058	595,141
Processing Gain(-) or Loss(+) ¹	-749	-9,663	-7,581	-245	-52	-18,290	-885	-4,377	-31,520

— = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	33,132	2,893	36,025	70,518	14,592	21,491	106,601
Natural Gas Plant Liquids	1,159	—	1,159	2,142	162	707	3,011
Pentanes Plus	—	—	—	86	—	310	396
Liquefied Petroleum Gases	1,159	—	1,159	2,056	162	397	2,615
Normal Butane	808	—	808	953	112	24	1,089
Isobutane	351	—	351	1,103	50	373	1,526
Other Liquids	-15,131	30	-15,101	-33,200	-6,108	-10,468	-49,776
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	252	138	390	960	409	191	1,560
Hydrogen	107	27	134	703	247	108	1,058
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	145	111	256	230	162	83	475
Fuel Ethanol	65	102	167	158	145	78	381
Renewable Diesel Fuel	80	9	89	72	17	5	94
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	27	—	—	27
Unfinished Oils (net)	1,325	-100	1,225	769	-253	-343	173
Naphthas and Lighter	707	-62	645	601	-82	206	725
Kerosene and Light Gas Oils	-134	—	-134	167	-134	-294	-261
Heavy Gas Oils	630	-34	596	830	-37	-138	655
Residuum	122	-4	118	-829	—	-117	-946
Motor Gasoline Blend.Comp. (MGBC)(net)	-16,708	-8	-16,716	-34,929	-6,264	-10,316	-51,509
Reformulated - RBOB	-10,409	—	-10,409	-8,421	-489	-317	-9,227
Conventional	-6,299	-8	-6,307	-26,508	-5,775	-9,999	-42,282
CBOB	-5,315	-5	-5,320	-26,313	-5,803	-9,972	-42,088
GTAB	—	—	—	—	—	—	—
Other	-984	-3	-987	-195	28	-27	-194
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input to Refineries	19,160	2,923	22,083	39,460	8,646	11,730	59,836
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,094	96	1,190	2,349	487	718	3,554
Operable Capacity (daily average)	1,174	98	1,273	2,536	491	850	3,878
Operable Utilization Rate (percent) ²	93.2	97.4	93.5	92.6	99.1	84.5	91.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	176	16	192	428	78	128	634
Catalytic Cracking	417	17	433	752	133	190	1,075
Catalytic Hydrocracking	37	—	37	157	48	55	260
Delayed and Fluid Coking	60	—	60	324	59	76	459
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.68	1.61	0.75	1.69	2.04	0.70	1.54
API Gravity, Weighted Average (degrees)	33.53	32.19	33.42	32.00	30.47	37.12	32.82
Operable Capacity (daily average)	1,174	98	1,273	2,536	491	850	3,878
Operating	1,142	98	1,241	2,487	491	785	3,763
Idle	32	—	32	49	—	65	114
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,971	128,723	100,472	6,977	3,823	260,966	18,127	72,963	494,682
Natural Gas Plant Liquids	437	4,765	4,886	162	165	10,415	724	2,377	17,686
Pentanes Plus	166	1,090	1,199	14	1	2,470	158	873	3,897
Liquefied Petroleum Gases	271	3,675	3,687	148	164	7,945	566	1,504	13,789
Normal Butane	30	1,771	2,025	93	—	3,919	301	976	7,093
Isobutane	241	1,904	1,662	55	164	4,026	265	528	6,696
Other Liquids	-8,492	-43,525	-32,507	-1,979	-1,664	-88,167	-4,126	-33,637	-190,807
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	269	2,248	1,841	134	96	4,588	529	1,483	8,550
Hydrogen	23	2,169	1,591	67	50	3,900	194	1,239	6,525
Oxygenates (excluding Fuel Ethanol)	—	24	—	—	—	24	—	—	24
Methyl Tertiary Butyl Ether (MTBE)	—	24	—	—	—	24	—	—	24
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	246	55	237	67	46	651	335	244	1,961
Fuel Ethanol	189	43	116	33	46	427	314	90	1,379
Renewable Diesel Fuel	57	12	121	34	—	224	21	154	582
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	13	—	—	13	—	—	40
Unfinished Oils (net)	-200	1,216	7,542	15	-169	8,404	-260	-1,701	7,841
Naphthas and Lighter	-155	-1,941	-1,467	46	-83	-3,600	-9	8	-2,231
Kerosene and Light Gas Oils	33	-2,470	-119	-26	-44	-2,626	-215	669	-2,567
Heavy Gas Oils	-74	6,047	5,091	40	-42	11,062	-97	-2,551	9,665
Residuum	-4	-420	4,037	-45	—	3,568	61	173	2,974
Motor Gasoline Blend.Comp. (MGBBC)(net)	-8,560	-46,989	-41,892	-2,128	-1,591	-101,160	-4,395	-33,419	-207,199
Reformulated - RBOB	-1,156	-15,304	-2,974	—	-850	-20,284	—	-26,010	-65,930
Conventional	-7,404	-31,685	-38,918	-2,128	-741	-80,876	-4,395	-7,409	-141,269
CBOB	-7,127	-26,930	-36,879	-2,066	-795	-73,797	-4,657	-8,290	-134,152
GTAB	—	—	—	—	—	—	—	—	—
Other	-277	-4,755	-2,039	-62	54	-7,079	262	881	-7,117
Aviation Gasoline Blend. Comp. (net)	-1	—	2	—	—	1	—	—	1
Total Input to Refineries	12,916	89,963	72,851	5,160	2,324	183,214	14,725	41,703	321,561
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	690	4,268	3,466	210	127	8,762	602	2,566	16,673
Operable Capacity (daily average)	698	4,688	3,681	243	128	9,437	651	2,933	18,172
Operable Utilization Rate (percent) ²	98.9	91.0	94.2	86.5	100.0	92.8	92.5	87.5	91.8
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	136	673	546	34	24	1,412	97	413	2,748
Catalytic Cracking	183	1,356	1,048	19	36	2,642	169	511	4,831
Catalytic Hydrocracking	40	481	461	16	—	998	8	503	1,806
Delayed and Fluid Coking	32	822	578	24	—	1,456	74	461	2,509
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.98	1.74	1.46	1.53	0.58	1.55	1.35	1.28	1.44
API Gravity, Weighted Average (degrees)	39.65	30.40	30.88	33.02	38.91	31.56	33.62	29.10	31.67
Operable Capacity (daily average)	698	4,688	3,681	243	128	9,437	651	2,933	18,172
Operating	698	4,641	3,681	243	128	9,391	647	2,804	17,846
Idle	—	46	—	—	—	46	4	130	326
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	12,927	12,927

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	952	-39	913	673	-274	-133	266
Ethane/Ethylene	18	-	18	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	18	-	18	-	-	-	-
Propane/Propylene	1,160	24	1,184	2,413	411	582	3,406
Propane	855	24	879	1,536	239	409	2,184
Propylene	305	-	305	877	172	173	1,222
Normal Butane/Butylene	-209	-41	-250	-1,845	-599	-656	-3,100
Normal Butane	-169	-41	-210	-1,768	-599	-661	-3,028
Butylene	-40	-	-40	-77	-	5	-72
Isobutane/Isobutylene	-17	-22	-39	105	-86	-59	-40
Isobutane	-17	-22	-39	105	-86	-59	-40
Isobutylene	-	-	-	-	-	-	-
Finished Motor Gasoline	656	1,231	1,887	7,120	1,917	1,966	11,003
Reformulated	656	-	656	-	-	-	-
Reformulated Blended with Fuel Ethanol	656	-	656	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,231	1,231	7,120	1,917	1,966	11,003
Conventional Blended with Fuel Ethanol	-	1,026	1,026	1,612	1,468	812	3,892
Ed55 and Lower	-	1,026	1,026	1,612	1,468	812	3,892
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	205	205	5,508	449	1,154	7,111
Finished Aviation Gasoline	-	-	-	-	55	-	55
Kerosene-Type Jet Fuel	3,163	-	3,163	6,055	776	759	7,590
Commercial	3,163	-	3,163	6,055	731	664	7,450
Military	-	-	-	-	45	95	140
Kerosene	173	-4	169	135	-	4	139
Distillate Fuel Oil	10,372	783	11,155	18,418	4,416	7,906	30,740
15 ppm sulfur and under	9,358	704	10,062	18,636	4,363	7,897	30,896
Greater than 15 ppm to 500 ppm sulfur	13	71	84	-31	57	9	35
Greater than 500 ppm sulfur	1,001	8	1,009	-187	-4	-	-191
Residual Fuel Oil	1,452	10	1,462	1,189	275	91	1,555
Less than 0.31 percent sulfur	180	10	190	-	-	-	-
0.31 to 1.00 percent sulfur	190	-	190	134	123	-	257
Greater than 1.00 percent sulfur	1,082	-	1,082	1,055	152	91	1,298
Petrochemical Feedstocks	116	-	116	759	1	25	785
Naphtha for Petro. Feed. Use	116	-	116	625	1	-	626
Other Oils for Petro. Feed. Use	-	-	-	134	-	25	159
Special Naphthas	-	23	23	39	-	9	48
Lubricants	215	171	386	-	-	89	89
Naphthenic	-	-	-	-	-	-	-
Paraffinic	215	171	386	-	-	89	89
Waxes	-	0	0	-	-	14	14
Petroleum Coke	1,142	20	1,162	3,951	728	815	5,494
Marketable	448	-	448	2,863	566	618	4,047
Catalyst	694	20	714	1,088	162	197	1,447
Asphalt and Road Oil	1,143	625	1,768	2,496	1,136	393	4,025
Still Gas	1,261	62	1,323	2,357	654	989	4,000
Miscellaneous Products	64	30	94	317	103	41	461
Fuel Use	-	-	-	-	-	-	-
Nonfuel Use	64	30	94	317	103	41	461
Total	20,709	2,912	23,621	43,509	9,787	12,968	66,264
Processing Gain(-) or Loss(+) ¹	-1,549	11	-1,538	-4,049	-1,141	-1,238	-6,428

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	-9	4,339	4,179	17	-1	8,525	241	-33	9,912
Ethane/Ethylene	1	172	5	—	—	178	—	—	196
Ethane	1	159	5	—	—	165	—	—	165
Ethylene	—	13	—	—	—	13	—	—	31
Propane/Propylene	412	5,460	4,736	23	47	10,678	278	1,028	16,574
Propane	75	2,285	1,727	23	47	4,157	272	811	8,303
Propylene	337	3,175	3,009	—	—	6,521	6	217	8,271
Normal Butane/Butylene	-387	-1,041	-821	-6	-47	-2,302	-79	-1,155	-6,886
Normal Butane	-388	-613	-833	-6	-62	-1,902	-107	-1,164	-6,411
Butylene	1	-428	12	—	15	-400	28	9	-475
Isobutane/Isobutylene	-35	-252	259	—	-1	-29	42	94	28
Isobutane	-35	-230	259	—	-1	-7	42	94	50
Isobutylene	—	-22	—	—	—	-22	—	—	-22
Finished Motor Gasoline	3,453	16,493	10,883	389	574	31,792	5,429	2,892	53,003
Reformulated	—	—	—	—	—	—	—	642	1,298
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	642	1,298
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	3,453	16,493	10,883	389	574	31,792	5,429	2,250	51,705
Conventional Blended with Fuel Ethanol	1,881	430	1,178	350	452	4,291	3,142	244	12,595
Ed55 and Lower	1,879	430	1,178	350	452	4,289	3,142	244	12,593
Greater than Ed55	2	—	—	—	—	2	—	—	2
Conventional Other	1,572	16,063	9,705	39	122	27,501	2,287	2,006	39,110
Finished Aviation Gasoline	75	119	44	—	—	238	3	2	298
Kerosene-Type Jet Fuel	1,224	11,725	11,537	189	—	24,675	966	12,816	49,210
Commercial	1,056	10,836	11,487	144	—	23,523	958	12,304	47,398
Military	168	889	50	45	—	1,152	8	512	1,812
Kerosene	3	—	371	16	—	390	—	-3	695
Distillate Fuel Oil	6,642	41,665	34,611	2,458	1,573	86,949	6,063	18,121	153,028
15 ppm sulfur and under	6,627	39,645	29,094	2,371	1,573	79,310	6,056	17,307	143,631
Greater than 15 ppm to 500 ppm sulfur	15	780	2,655	29	—	3,479	16	30	3,644
Greater than 500 ppm sulfur	—	1,240	2,862	58	—	4,160	-9	784	5,753
Residual Fuel Oil	415	1,271	3,423	-55	30	5,084	344	3,032	11,477
Less than 0.31 percent sulfur	242	—	771	—	—	1,013	171	1	1,375
0.31 to 1.00 percent sulfur	—	205	198	-55	19	367	13	654	1,481
Greater than 1.00 percent sulfur	173	1,066	2,454	—	11	3,704	160	2,377	8,621
Petrochemical Feedstocks	121	5,511	2,035	—	—	7,667	—	4	8,572
Naphtha for Petro. Feed. Use	104	4,140	1,017	—	—	5,261	—	4	6,007
Other Oils for Petro. Feed. Use	17	1,371	1,018	—	—	2,406	—	—	2,565
Special Naphthas	111	711	—	227	—	1,049	—	44	1,164
Lubricants	33	1,871	1,552	807	—	4,263	—	644	5,382
Naphthenic	33	55	—	599	—	687	—	107	794
Paraffinic	—	1,816	1,552	208	—	3,576	—	537	4,588
Waxes	—	28	41	19	—	88	—	—	102
Petroleum Coke	472	8,706	6,306	140	30	15,654	812	3,956	27,078
Marketable	221	6,770	4,974	128	—	12,093	554	3,239	20,381
Catalyst	251	1,936	1,332	12	30	3,561	258	717	6,697
Asphalt and Road Oil	211	375	668	996	78	2,328	941	706	9,768
Still Gas	776	5,788	4,169	179	85	10,997	694	3,558	20,572
Miscellaneous Products	139	1,023	614	20	8	1,804	120	337	2,816
Fuel Use	—	—	—	—	—	—	1	14	15
Nonfuel Use	139	1,023	614	20	8	1,804	119	323	2,801
Total	13,666	99,625	80,433	5,402	2,377	201,503	15,613	46,076	353,077
Processing Gain(-) or Loss(+) ¹	-750	-9,662	-7,582	-242	-53	-18,289	-888	-4,373	-31,516

— = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 32. Blender Net Inputs of Petroleum Products by PAD District, November 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	1,071	12	1,083	169	78	433	680
Pentanes Plus	321	—	321	—	17	56	73
Liquefied Petroleum Gases	750	12	762	169	61	377	607
Normal Butane	750	12	762	169	61	377	607
Isobutane	—	—	—	—	—	—	—
Other Liquids	82,516	5,915	88,431	44,048	8,842	12,391	65,281
Oxygenates/Renewables	9,105	627	9,732	4,734	1,011	1,368	7,113
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	9,105	627	9,732	4,734	1,011	1,368	7,113
Fuel Ethanol	8,906	594	9,500	4,587	978	1,312	6,877
Renewable Diesel Fuel	199	33	232	147	33	56	236
Other Renewable Fuels	—	—	—	—	—	—	—
Unfinished Oils (net)	12	-1	11	31	—	—	31
Naphthas and Lighter	12	—	12	—	—	—	—
Kerosene and Light Gas Oils	—	-1	-1	-61	—	—	-61
Heavy Gas Oils	—	—	—	—	—	—	—
Residuum	—	—	—	92	—	—	92
Motor Gasoline Blend.Comp. (MGBC)(net)	73,399	5,289	78,688	39,283	7,831	11,023	58,137
Reformulated - RBOB	25,354	—	25,354	7,520	1,292	841	9,653
Conventional	48,045	5,289	53,334	31,763	6,539	10,182	48,484
CBOB	41,151	5,287	46,438	30,581	6,439	10,182	47,202
GTAB	1,644	—	1,644	—	—	—	—
Other	5,250	2	5,252	1,182	100	—	1,282
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	83,587	5,927	89,514	44,217	8,920	12,824	65,961

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	75	379	230	34	—	718	118	—	2,599
Pentanes Plus	7	19	—	—	—	26	59	—	479
Liquefied Petroleum Gases	68	360	230	34	—	692	59	—	2,120
Normal Butane	68	360	230	34	—	692	59	—	2,120
Isobutane	—	—	—	—	—	—	—	—	—
Other Liquids	16,334	11,229	3,020	7,289	1,035	38,907	3,864	42,978	239,461
Oxygenates/Renewables	1,669	816	465	927	115	3,992	558	4,726	26,121
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,669	816	465	927	115	3,992	558	4,726	26,121
Fuel Ethanol	1,642	754	302	890	105	3,693	545	4,412	25,027
Renewable Diesel Fuel	27	60	163	37	10	297	13	314	1,092
Other Renewable Fuels	—	2	—	—	—	2	—	—	2
Unfinished Oils (net)	—	—	93	—	—	93	—	—	135
Naphthas and Lighter	—	—	—	—	—	—	—	—	12
Kerosene and Light Gas Oils	—	—	86	—	—	86	—	—	24
Heavy Gas Oils	—	—	7	—	—	7	—	—	7
Residuum	—	—	—	—	—	—	—	—	92
Motor Gasoline Blend.Comp. (MGBC)(net)	14,665	10,413	2,462	6,362	920	34,822	3,306	38,252	213,205
Reformulated - RBOB	5,808	5,356	—	—	—	11,164	—	28,471	74,642
Conventional	8,857	5,057	2,462	6,362	920	23,658	3,306	9,781	138,563
CBOB	8,857	-1,001	1,778	6,324	920	16,878	3,296	9,716	123,530
GTAB	—	—	—	—	—	—	—	—	1,644
Other	—	6,058	684	38	—	6,780	10	65	13,389
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—	—	—
Total Input	16,409	11,608	3,250	7,323	1,035	39,625	3,982	42,978	242,060

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 33. Blender Net Production of Petroleum Products by PAD District, November 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	83,389	5,892	89,281	44,026	8,887	12,765	65,678
Reformulated	37,039	—	37,039	8,653	1,436	937	11,026
Reformulated Blended with Fuel Ethanol	37,039	—	37,039	8,653	1,436	937	11,026
Reformulated Other	—	—	—	—	—	—	—
Conventional	46,350	5,892	52,242	35,373	7,451	11,828	54,652
Conventional Blended with Fuel Ethanol	50,942	5,949	56,891	36,844	8,319	12,124	57,287
Ed55 and Lower	50,928	5,949	56,877	36,840	8,306	12,105	57,251
Greater than Ed55	14	—	14	4	13	19	36
Conventional Other	-4,592	-57	-4,649	-1,471	-868	-296	-2,635
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	—	—	—	-175	—	-1	-176
Kerosene	1	—	1	-1	—	—	-1
Distillate Fuel Oil	180	33	213	280	32	57	369
15 ppm sulfur and under	-211	33	-178	280	32	44	356
Greater than 15 ppm to 500 ppm sulfur	196	73	269	—	—	92	92
Greater than 500 ppm sulfur	195	-73	122	—	—	-79	-79
Residual Fuel Oil	18	—	18	—	—	—	—
Less than 0.31 percent sulfur	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	—	—	—
Greater than 1.00 percent sulfur	18	—	18	—	—	—	—
Special Naphthas	—	—	—	—	—	—	—
Lubricants	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	—	92	—	2	94
Miscellaneous Products	—	—	—	—	—	—	—
Total Production	83,588	5,925	89,513	44,222	8,919	12,823	65,964
Processing Gain(-) or Loss(+) ¹	-1	2	1	-5	1	1	-3

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	16,381	11,549	2,993	7,289	1,024	39,236	3,966	42,670	240,831
Reformulated	6,463	6,270	—	—	—	12,733	—	31,620	92,418
Reformulated Blended with Fuel Ethanol	6,463	6,270	—	—	—	12,733	—	31,620	92,418
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	9,918	5,279	2,993	7,289	1,024	26,503	3,966	11,050	148,413
Conventional Blended with Fuel Ethanol	10,121	1,244	3,036	8,816	1,063	24,280	5,488	12,572	156,518
Ed55 and Lower	10,120	1,244	3,036	8,811	1,063	24,274	5,485	12,567	156,454
Greater than Ed55	1	—	—	5	—	6	3	5	64
Conventional Other	-203	4,035	-43	-1,527	-39	2,223	-1,522	-1,522	-8,105
Finished Aviation Gasoline	—	—	—	—	—	—	—	-2	-2
Kerosene-Type Jet Fuel	—	-51	14	—	—	-37	28	-49	-234
Kerosene	—	-31	—	—	—	-31	—	20	-11
Distillate Fuel Oil	27	142	152	37	10	368	-15	343	1,278
15 ppm sulfur and under	27	-27	152	37	10	199	-15	307	669
Greater than 15 ppm to 500 ppm sulfur	—	0	—	—	—	0	—	—	361
Greater than 500 ppm sulfur	—	169	—	—	—	169	—	36	248
Residual Fuel Oil	—	0	90	—	—	90	—	—	108
Less than 0.31 percent sulfur	—	8	—	—	—	8	—	—	8
0.31 to 1.00 percent sulfur	—	78	—	—	—	78	—	—	78
Greater than 1.00 percent sulfur	—	-86	90	—	—	4	—	—	22
Special Naphthas	—	—	—	—	—	—	—	—	—
Lubricants	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	—	—	—	—	—	—	94
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total Production	16,408	11,609	3,249	7,326	1,034	39,626	3,979	42,982	242,064
Processing Gain(-) or Loss(+) ¹	1	-1	1	-3	1	-1	3	-4	-4

— = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	11,179	747	11,926	11,727	2,393	2,092	16,212
Petroleum Products	16,367	2,086	18,453	30,448	7,191	12,622	50,261
Pentanes Plus	—	—	—	30	—	283	313
Liquefied Petroleum Gases	885	54	939	3,499	642	1,516	5,657
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	313	6	319	1,334	84	824	2,242
Normal Butane/Butylene	422	36	458	1,863	491	259	2,613
Isobutane/Isobutylene	150	12	162	302	67	433	802
Oxygenates/Renewable Fuels/Other Hydrocarbons	71	75	146	90	41	30	161
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	71	75	146	52	41	30	123
Fuel Ethanol	71	70	141	35	26	27	88
Renewable Diesel Fuel	—	5	5	17	15	3	35
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	38	—	—	38
Unfinished Oils	4,793	523	5,316	7,852	563	4,688	13,103
Naphthas and Lighter	1,068	362	1,430	1,777	107	1,244	3,128
Kerosene and Light Gas Oils	874	—	874	1,729	284	690	2,703
Heavy Gas Oils	1,848	153	2,001	2,627	172	2,076	4,875
Residuum	1,003	8	1,011	1,719	—	678	2,397
Motor Gasoline Blending Components (MGBC)	5,314	227	5,541	7,615	2,284	2,636	12,535
Reformulated - RBOB	1,566	—	1,566	1,137	64	—	1,201
Conventional	3,748	227	3,975	6,478	2,220	2,636	11,334
CBOB	639	196	835	2,695	1,430	1,666	5,791
GTAB	—	—	—	—	—	—	—
Other	3,109	31	3,140	3,783	790	970	5,543
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	32	32	939	197	342	1,478
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	32	32	939	197	342	1,478
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	32	32	939	197	342	1,478
Finished Aviation Gasoline	—	—	—	—	103	—	103
Kerosene-Type Jet Fuel	440	—	440	1,417	293	310	2,020
Kerosene	161	2	163	114	—	18	132
Distillate Fuel Oil	3,133	314	3,447	4,176	1,134	1,678	6,988
15 ppm sulfur and under	2,170	143	2,313	4,039	918	1,557	6,514
Greater than 15 ppm to 500 ppm sulfur	54	152	206	—	126	39	165
Greater than 500 ppm sulfur	909	19	928	137	90	82	309
Residual Fuel Oil	642	11	653	754	213	61	1,028
Less than 0.31 percent sulfur	163	9	172	—	—	—	—
0.31 to 1.00 percent sulfur	40	2	42	89	35	—	124
Greater than 1.00 percent sulfur	439	—	439	665	178	61	904
Petrochemical Feedstocks	151	—	151	615	103	4	722
Naphtha for Petro. Feed. Use	151	—	151	456	103	4	563
Other Oils for Petro. Feed. Use	—	—	—	159	—	—	159
Special Naphthas	—	15	15	51	—	12	63
Lubricants	353	270	623	—	—	128	128
Waxes	—	278	278	—	—	39	39
Petroleum Coke	—	—	—	753	228	213	1,194
Marketable	—	—	—	753	228	213	1,194
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	412	266	678	2,441	1,362	659	4,462
Miscellaneous Products	12	19	31	102	28	5	135
Total Stocks, All Oils	27,546	2,833	30,379	42,175	9,584	14,714	66,473

See footnotes at end of table.

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,962	26,567	17,278	1,237	363	47,407	2,212	23,773	101,530
Petroleum Products	9,945	57,452	46,022	4,257	1,439	119,115	11,313	53,165	252,307
Pentanes Plus	97	65	503	—	22	687	18	—	1,018
Liquefied Petroleum Gases	2,766	1,447	3,683	7	72	7,975	466	1,594	16,631
Ethane/Ethylene	132	3	—	—	—	135	—	—	135
Propane/Propylene	1,500	76	717	2	4	2,299	61	112	5,033
Normal Butane/Butylene	963	1,135	2,339	—	58	4,495	282	1,003	8,851
Isobutane/Isobutylene	171	233	627	5	10	1,046	123	479	2,612
Oxygenates/Renewable Fuels/Other Hydrocarbons	46	179	155	91	8	479	105	211	1,102
Oxygenates (excluding Fuel Ethanol)	—	130	—	—	—	130	—	—	130
Methyl Tertiary Butyl Ether (MTBE)	—	130	—	—	—	130	—	—	130
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	46	49	155	91	8	349	105	211	934
Fuel Ethanol	32	28	36	34	8	138	99	39	505
Renewable Diesel Fuel	14	21	119	57	—	211	6	172	429
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	38
Unfinished Oils	1,967	20,247	14,497	918	744	38,373	3,422	20,414	80,628
Naphthas and Lighter	632	5,564	2,607	199	256	9,258	704	3,142	17,662
Kerosene and Light Gas Oils	576	3,493	2,140	208	207	6,624	615	3,858	14,674
Heavy Gas Oils	303	8,452	7,445	453	281	16,934	1,649	11,320	36,779
Residuum	456	2,738	2,305	58	—	5,557	454	2,094	11,513
Motor Gasoline Blending Components (MGBC)	2,321	11,991	11,315	422	194	26,243	2,844	13,996	61,159
Reformulated - RBOB	156	1,394	310	—	—	1,860	—	5,101	9,728
Conventional	2,165	10,597	11,005	422	194	24,383	2,844	8,895	51,431
CBOB	998	3,439	5,706	231	60	10,434	1,433	2,109	20,602
GTAB	—	—	—	—	—	—	—	—	—
Other	1,167	7,158	5,299	191	134	13,949	1,411	6,786	30,829
Aviation Gasoline Blending Components	7	—	—	—	—	7	—	—	7
Finished Motor Gasoline	463	1,476	1,154	—	84	3,177	1,103	804	6,594
Reformulated	—	—	—	—	—	—	—	18	18
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	18	18
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	463	1,476	1,154	—	84	3,177	1,103	786	6,576
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	63	—	63
Ed55 and Lower	—	—	—	—	—	—	63	—	63
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	463	1,476	1,154	—	84	3,177	1,040	786	6,513
Finished Aviation Gasoline	65	159	65	—	—	289	8	102	502
Kerosene-Type Jet Fuel	429	2,844	2,451	87	—	5,811	358	3,973	12,602
Kerosene	77	7	87	7	—	178	—	10	483
Distillate Fuel Oil	735	7,047	6,679	434	158	15,053	1,871	5,737	33,096
15 ppm sulfur and under	689	6,338	4,949	307	158	12,441	1,629	4,895	27,792
Greater than 15 ppm to 500 ppm sulfur	38	28	945	22	—	1,033	169	290	1,863
Greater than 500 ppm sulfur	8	681	785	105	—	1,579	73	552	3,441
Residual Fuel Oil	111	2,390	1,473	34	31	4,039	225	3,303	9,248
Less than 0.31 percent sulfur	16	—	184	—	—	200	7	88	467
0.31 to 1.00 percent sulfur	—	132	61	34	3	230	4	564	964
Greater than 1.00 percent sulfur	95	2,258	1,228	—	28	3,609	214	2,651	7,817
Petrochemical Feedstocks	148	1,589	578	3	—	2,318	—	1	3,192
Naphtha for Petro. Feed. Use	37	946	348	3	—	1,334	—	1	2,049
Other Oils for Petro. Feed. Use	111	643	230	—	—	984	—	—	1,143
Special Naphthas	95	725	—	90	—	910	—	53	1,041
Lubricants	45	3,326	2,090	936	—	6,397	—	662	7,810
Waxes	—	99	94	45	—	238	—	—	555
Petroleum Coke	50	3,292	571	—	—	3,913	116	1,643	6,866
Marketable	50	3,292	571	—	—	3,913	116	1,643	6,866
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	395	278	527	1,182	124	2,506	754	576	8,976
Miscellaneous Products	128	291	100	1	2	522	23	86	797
Total Stocks, All Oils	11,907	84,019	63,300	5,494	1,802	166,522	13,525	76,938	353,837

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, November 2015

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	2.8	-1.4	2.5	0.9	-1.9	-0.6	0.3
Finished Motor Gasoline ¹	46.5	39.7	46.0	54.7	53.2	53.9	54.4
Finished Aviation Gasoline ²	—	—	—	—	0.4	—	0.1
Kerosene-Type Jet Fuel	9.2	—	8.5	8.5	5.4	3.6	7.1
Kerosene	0.5	-0.1	0.5	0.2	—	0.0	0.1
Distillate Fuel Oil	29.9	27.7	29.7	25.7	30.7	37.4	28.7
Residual Fuel Oil	4.2	0.4	3.9	1.7	1.9	0.4	1.5
Naphtha for Petro. Feed. Use	0.3	—	0.3	0.9	0.0	—	0.6
Other Oils for Petro. Feed. Use	—	—	—	0.2	—	0.1	0.2
Special Naphthas	—	0.8	0.1	0.1	—	0.0	0.0
Lubricants	0.6	6.1	1.0	—	—	0.4	0.1
Waxes	—	0.0	0.0	—	—	0.1	0.0
Petroleum Coke	3.3	0.7	3.1	5.5	5.1	3.9	5.2
Asphalt and Road Oil	3.3	22.4	4.8	3.5	7.9	1.9	3.8
Still Gas	3.7	2.2	3.6	3.3	4.6	4.7	3.8
Miscellaneous Products	0.2	1.1	0.3	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ³	-4.5	0.5	-4.1	-5.7	-8.0	-5.9	-6.0

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	0.0	3.3	3.9	0.2	0.0	3.2	1.4	-0.1	2.0
Finished Motor Gasoline ¹	54.7	43.5	42.7	32.3	52.1	43.9	48.1	45.8	46.7
Finished Aviation Gasoline ²	0.4	0.1	0.0	—	—	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel	5.9	9.0	10.7	2.7	—	9.2	5.4	18.0	9.8
Kerosene	0.0	—	0.3	0.2	—	0.1	—	0.0	0.1
Distillate Fuel Oil	31.7	32.1	31.9	34.7	43.1	32.2	33.8	25.2	30.3
Residual Fuel Oil	2.0	1.0	3.2	-0.8	0.8	1.9	1.9	4.3	2.3
Naphtha for Petro. Feed. Use	0.5	3.2	0.9	—	—	2.0	—	0.0	1.2
Other Oils for Petro. Feed. Use	0.1	1.1	0.9	—	—	0.9	—	—	0.5
Special Naphthas	0.5	0.6	—	3.3	—	0.4	—	0.1	0.2
Lubricants	0.2	1.4	1.4	11.5	—	1.6	—	0.9	1.1
Waxes	—	0.0	0.0	0.3	—	0.0	—	—	0.0
Petroleum Coke	2.3	6.7	5.8	2.0	0.8	5.8	4.5	5.6	5.4
Asphalt and Road Oil	1.0	0.3	0.6	14.2	2.1	0.9	5.3	1.0	1.9
Still Gas	3.7	4.5	3.9	2.6	2.3	4.1	3.9	5.0	4.1
Miscellaneous Products	0.7	0.8	0.6	0.0	0.0	0.7	0.7	0.5	0.6
Processing Gain(-) or Loss(+) ³	-3.6	-7.4	-7.0	-3.5	-1.4	-6.8	-5.0	-6.1	-6.3

— = No Data Reported.

¹ Based on total finished motor gasoline output minus net input of motor gasoline blending components, minus input of natural gas plant liquids, hydrogen, other hydrocarbons and oxygenates.

² Based on finished aviation gasoline output minus net input of aviation gasoline blending components.

³ Represents the arithmetic difference between input and production.

Note: Percent yield is based on crude oil input and net reruns of unfinished oils

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 30 and 31.

Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, November 2015
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	—	598	2,354	2,952
Connecticut	—	—	—	—
Delaware	—	—	—	—
Florida	—	—	932	932
Georgia	—	—	295	295
Maine	—	—	—	—
Maryland	—	—	—	—
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	—	358	773	1,131
New York	—	240	110	350
North Carolina	—	—	—	—
Pennsylvania	—	—	—	—
Rhode Island	—	—	—	—
South Carolina	—	—	242	242
Vermont	—	—	2	2
Virginia	—	—	—	—
West Virginia	—	—	—	—
PAD District 2	—	26	30	56
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	—	29	29
Minnesota	—	20	1	21
North Dakota	—	6	—	6
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	—	107	918	1,025
Alabama	—	—	—	—
Louisiana	—	107	—	107
Mississippi	—	—	—	—
New Mexico	—	—	—	—
Texas	—	—	918	918
PAD District 4	—	—	—	—
Idaho	—	—	—	—
Montana	—	—	—	—
PAD District 5	90	—	1,818	1,908
Alaska	—	—	—	—
California	—	—	1,674	1,674
Hawaii	—	—	97	97
Oregon	—	—	—	—
Washington	90	—	47	137
U.S. Total	90	731	5,120	5,941

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 37. Imports of Crude Oil and Petroleum Products by PAD District, November 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	22,779	64,186	91,937	7,975	34,240	221,117	7,371
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,324	2,304	641	379	232	4,880	163
Pentanes Plus	2	4	641	—	—	647	22
Liquefied Petroleum Gases	1,322	2,300	—	379	232	4,233	141
Ethane	—	—	—	—	—	—	—
Ethylene	—	—	—	—	—	—	—
Propane	1,084	1,455	—	358	230	3,127	104
Propylene	31	352	—	—	—	383	13
Normal Butane	75	223	—	6	—	304	10
Butylene	—	72	—	—	—	72	2
Isobutane	132	198	—	15	2	347	12
Isobutylene	—	—	—	—	—	—	—
Other Liquids	10,868	390	14,717	23	2,405	28,403	947
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	668	63	316	3	725	1,775	59
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	31	—	—	31	1
Methyl Tertiary Butyl Ether (MTBE)	—	—	31	—	—	31	1
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	667	—	276	3	725	1,671	56
Fuel Ethanol	67	—	—	—	431	498	17
Biomass-Based Diesel Fuel	460	—	201	3	37	701	23
Other Renewable Diesel Fuel	140	—	75	—	257	472	16
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	1	63	9	—	—	73	2
Unfinished Oils ¹	1,122	—	14,377	—	152	15,651	522
Naphthas and Lighter	70	—	364	—	—	434	14
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	952	—	8,701	—	152	9,805	327
Residuum	100	—	5,312	—	—	5,412	180
Motor Gasoline Blend.Comp. (MGBC)	9,078	327	24	20	1,528	10,977	366
Reformulated - RBOB	2,807	—	—	—	144	2,951	98
Conventional	6,271	327	24	20	1,384	8,026	268
CBOB	401	30	—	—	994	1,425	48
GTAB	1,228	—	—	—	—	1,228	41
Other	4,642	297	24	20	390	5,373	179
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	10,998	599	3,767	48	3,958	19,370	646
Finished Motor Gasoline	1,687	—	379	—	28	2,094	70
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	1,687	—	379	—	28	2,094	70
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	1,687	—	379	—	28	2,094	70
Finished Aviation Gasoline	1	—	—	—	—	1	0
Kerosene-Type Jet Fuel	1,319	—	—	—	1,730	3,049	102
Bonded Aircraft Fuel	1	—	—	—	638	639	21
Other	1,318	—	—	—	1,092	2,410	80
Kerosene	335	—	—	—	—	335	11
Distillate Fuel Oil	3,995	11	395	—	108	4,509	150
15 ppm sulfur and under	2,321	7	94	—	108	2,530	84
Bonded	—	—	—	—	—	—	—
Other	2,321	7	94	—	108	2,530	84
Greater than 15 ppm to 500 ppm sulfur	364	—	—	—	—	364	12
Bonded	—	—	—	—	—	—	—
Other	364	—	—	—	—	364	12
Greater than 500 ppm to 2000 ppm sulfur	1,310	—	301	—	—	1,611	54
Bonded	—	—	—	—	—	—	—
Other	1,310	—	301	—	—	1,611	54
Greater than 2000 ppm	—	4	—	—	—	4	0
Bonded	—	—	—	—	—	—	—
Other	—	4	—	—	—	4	0
Residual Fuel Oil	2,952	56	1,025	—	1,908	5,941	198
Less than 0.31 percent sulfur	—	—	—	—	90	90	3
0.31 to 1.00 percent sulfur	598	26	107	—	—	731	24
Greater than 1.00 percent sulfur	2,354	30	918	—	1,818	5,120	171
Petrochemical Feedstocks	103	76	853	—	34	1,066	36
Naphtha for Petro. Feed. Use	101	69	789	—	34	993	33
Other Oils for Petro. Feed. Use	2	7	64	—	—	73	2
Special Naphthas	—	39	543	—	—	582	19
Lubricants	137	194	433	—	32	796	27
Waxes	66	—	21	—	25	112	4
Petroleum Coke (Marketable)	1	17	118	—	31	167	6
Asphalt and Road Oil	402	206	—	47	62	717	24
Miscellaneous Products	—	—	—	1	—	1	0
Total	45,969	67,479	111,062	8,425	40,835	273,770	9,126

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-November 2015
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	216,864	695,623	1,050,542	95,590	379,412	2,438,031	7,299
Natural Gas Plant Liquids and Liquefied Refinery Gases	14,939	23,247	4,220	2,891	1,686	46,983	141
Pentanes Plus	9	42	3,640	—	18	3,709	11
Liquefied Petroleum Gases	14,930	23,205	580	2,891	1,668	43,274	130
Ethane	—	—	—	—	—	—	—
Ethylene	—	36	—	—	—	36	0
Propane	10,654	15,034	47	2,696	1,639	30,070	90
Propylene	2,668	3,709	—	—	—	6,377	19
Normal Butane	456	1,656	—	19	27	2,158	6
Butylene	—	785	533	—	—	1,318	4
Isobutane	1,152	1,985	—	176	2	3,315	10
Isobutylene	—	—	—	—	—	—	—
Other Liquids	199,101	4,970	156,047	522	39,489	400,129	1,198
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	4,904	698	4,197	24	5,343	15,166	45
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	1,270	—	—	1,270	4
Methyl Tertiary Butyl Ether (MTBE)	—	—	1,270	—	—	1,270	4
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	4,903	58	2,868	24	5,343	13,196	40
Fuel Ethanol	976	—	143	—	832	1,951	6
Biomass-Based Diesel Fuel	3,519	58	2,282	24	996	6,879	21
Other Renewable Diesel Fuel	408	—	443	—	3,515	4,366	13
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	1	640	59	—	—	700	2
Unfinished Oils ¹	18,262	1,593	147,342	—	16,865	184,062	551
Naphthas and Lighter	793	—	1,926	—	—	2,719	8
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	8,187	1,154	98,854	—	16,251	124,446	373
Residuum	9,282	439	46,562	—	614	56,897	170
Motor Gasoline Blend.Comp. (MGBC)	175,935	2,679	4,508	498	17,281	200,901	602
Reformulated - RBOB	54,017	—	—	—	2,074	56,091	168
Conventional	121,918	2,679	4,508	498	15,207	144,810	434
CBOB	13,986	92	1	—	5,463	19,542	59
GTAB	37,371	—	415	—	412	38,198	114
Other	70,561	2,587	4,092	498	9,332	87,070	261
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	145,316	9,459	44,746	855	44,174	244,550	732
Finished Motor Gasoline	20,232	44	885	24	2,259	23,444	70
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	20,232	44	885	24	2,259	23,444	70
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	20,232	44	885	24	2,259	23,444	70
Finished Aviation Gasoline	11	5	—	8	—	24	0
Kerosene-Type Jet Fuel	24,119	8	—	—	19,729	43,856	131
Bonded Aircraft Fuel	11	—	—	—	5,826	5,837	17
Other	24,108	8	—	—	13,903	38,019	114
Kerosene	1,335	—	—	—	—	1,335	4
Distillate Fuel Oil	57,881	1,400	3,314	258	5,337	68,190	204
15 ppm sulfur and under	41,634	978	135	219	4,154	47,120	141
Bonded	—	—	—	—	90	90	0
Other	41,634	978	135	219	4,064	47,030	141
Greater than 15 ppm to 500 ppm sulfur	4,305	20	—	20	4	4,349	13
Bonded	—	—	—	—	—	—	—
Other	4,305	20	—	20	4	4,349	13
Greater than 500 ppm to 2000 ppm sulfur	11,942	285	3,179	19	1,179	16,604	50
Bonded	—	—	—	—	—	—	—
Other	11,942	285	3,179	19	1,179	16,604	50
Greater than 2000 ppm	—	117	—	—	—	117	0
Bonded	—	—	—	—	—	—	—
Other	—	117	—	—	—	117	0
Residual Fuel Oil	30,615	1,288	14,884	163	14,473	61,423	184
Less than 0.31 percent sulfur	2,176	17	2,291	—	185	4,669	14
0.31 to 1.00 percent sulfur	5,955	958	3,219	163	718	11,013	33
Greater than 1.00 percent sulfur	22,484	313	9,374	—	13,570	45,741	137
Petrochemical Feedstocks	225	1,261	11,138	—	415	13,039	39
Naphtha for Petro. Feed. Use	198	800	9,478	—	415	10,891	33
Other Oils for Petro. Feed. Use	27	461	1,660	—	—	2,148	6
Special Naphthas	—	403	4,799	—	—	5,202	16
Lubricants	1,774	2,239	7,533	—	218	11,764	35
Waxes	1,038	73	375	—	375	1,861	6
Petroleum Coke (Marketable)	1,437	204	1,818	—	347	3,806	11
Asphalt and Road Oil	6,649	2,533	—	389	1,021	10,592	32
Miscellaneous Products	—	1	—	13	—	14	0
Total	576,220	733,299	1,255,555	99,858	464,761	3,129,693	9,370

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	86,981	320	—	4,665	—	13	13	34	1,565	1,599
Algeria	—	320	—	3,176	—	—	—	—	—	—
Angola	5,725	—	—	1,205	—	—	—	—	—	—
Ecuador	5,721	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	8,064	—	—	—	—	—	—	—	—	—
Kuwait	4,193	—	—	—	—	—	—	—	—	—
Libya	189	—	—	—	—	—	—	—	—	—
Nigeria	2,168	—	—	—	—	13	13	32	952	984
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	36,953	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	284	—	—	—	—	—	—
Venezuela	23,968	—	—	—	—	—	—	2	613	615
Non-OPEC	134,136	327	4,233	10,986	—	2,081	2,081	2,917	6,461	9,378
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	1,087	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	200	200	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1,684	—	—	—	—	187	187
Brazil	2,046	—	—	—	—	349	349	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	95,188	6	4,179	227	—	1,019	1,019	982	1,472	2,454
Chad	1,900	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	11,120	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	2	—	2
France	—	—	—	810	—	—	—	276	—	276
Gabon	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	272	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	1,329	—	—	—	—	—	—	—	—	—
Italy	—	—	—	207	—	—	—	2	—	2
Korea, South	—	—	—	—	—	—	—	144	158	302
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	79	79	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	18,945	—	—	—	—	30	30	—	24	24
Netherlands	—	—	—	205	—	—	—	—	424	424
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	479	—	328	328	302	—	302
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	223	579	802
Russia	598	—	—	6,770	—	26	26	—	677	677
Spain	—	—	—	—	—	4	4	18	1,614	1,632
Sweden	—	—	—	—	—	1	1	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	353	—	—	—	—	—	—	—	—	—
United Kingdom	536	—	—	342	—	—	—	968	648	1,616
Vietnam	472	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	290	321	54	262	—	45	45	0	678	678
Total	221,117	647	4,233	15,651	—	2,094	2,094	2,951	8,026	10,977
Persian Gulf³	49,210	—	—	284	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	31	—	498	701	472	—	2,530	364	1,611	4	4,509
Argentina	—	—	—	537	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	31	—	492	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	6	135	—	—	1,520	37	1,310	4	2,871
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	63	—	200	—	263
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	29	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	23	—	74	—	97
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	916	327	—	—	1,243
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	8	—	27	—	35
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	472	—	0	0	0	0	0
Total	31	—	498	701	472	—	2,530	364	1,611	4	4,509
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	532	—	—	240	—	240
Algeria	—	—	—	211	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	240	—	240
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	321	—	—	—	—	—
Non-OPEC	335	1	—	2,517	582	90	491	5,120	5,701
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	41	—	—	9	9
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	79	165	90	26	785	901
Chad	—	—	—	—	—	—	—	—	—
China	275	—	—	315	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	927	927
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	358	—	358
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	314	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	1,479	156	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	2,139	2,139
Netherlands	—	—	—	—	—	—	—	423	423
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	282	282
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	340	340
United Kingdom	—	—	—	—	—	—	107	—	107
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	60	0	—	330	220	0	0	215	215
Total	335	1	—	3,049	582	90	731	5,120	5,941
Persian Gulf ³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	220	—	—	29	248	233	—	8,099	95,080	2,899	270	3,169
Algeria	—	—	—	—	—	—	—	3,707	3,707	—	124	124
Angola	—	—	—	—	—	—	—	1,205	6,930	191	40	231
Ecuador	—	—	—	—	—	—	—	—	5,721	191	—	191
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	8,064	269	—	269
Kuwait	—	—	—	—	—	—	—	—	4,193	140	—	140
Libya	—	—	—	—	—	—	—	—	189	6	—	6
Nigeria	—	—	—	—	—	—	—	1,237	3,405	72	41	114
Qatar	—	—	—	—	—	233	—	233	233	—	8	8
Saudi Arabia	120	—	—	—	—	—	—	120	37,073	1,232	4	1,236
United Arab Emirates	—	—	—	—	—	—	—	284	284	—	9	9
Venezuela	100	—	—	29	248	—	—	1,313	25,281	799	44	843
Non-OPEC	773	73	112	138	469	563	1	44,554	178,690	4,471	1,485	5,956
Argentina	—	—	—	—	—	2	—	539	539	—	18	18
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	1,087	36	—	36
Bahamas	—	—	—	—	—	—	—	200	200	—	7	7
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	6	—	1,878	1,878	—	63	63
Brazil	—	—	—	—	—	—	—	922	2,968	68	31	99
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	90	52	17	49	437	318	1	13,070	108,258	3,173	436	3,609
Chad	—	—	—	—	—	—	—	—	1,900	63	—	63
China	—	—	51	—	—	—	—	641	641	—	21	21
Colombia	—	—	—	—	—	—	—	927	12,047	371	31	402
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	358	358	—	12	12
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	2	2	—	0	0
France	—	21	9	—	—	9	—	1,125	1,125	—	38	38
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	18	—	281	281	—	9	9
Guatemala	—	—	—	—	—	—	—	—	272	9	—	9
India	—	—	—	—	—	—	—	314	314	—	10	10
Indonesia	—	—	1	—	—	—	—	1	1,330	44	0	44
Italy	—	—	—	—	—	6	—	219	219	—	7	7
Korea, South	83	—	—	—	—	190	—	2,239	2,239	—	75	75
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	79	79	—	3	3
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	495	—	—	—	—	—	—	2,688	21,633	632	90	721
Netherlands	14	—	—	—	—	—	—	1,163	1,163	—	39	39
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	1,109	1,109	—	37	37
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	802	802	—	27	27
Russia	—	—	—	—	—	—	—	8,999	9,597	20	300	320
Spain	—	—	—	—	—	—	—	1,636	1,636	—	55	55
Sweden	—	—	—	—	—	—	—	1	1	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	340	693	12	11	23
United Kingdom	11	—	—	89	—	13	—	2,213	2,749	18	74	92
Vietnam	—	—	—	—	—	—	—	—	472	16	—	16
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	80	0	34	0	32	1	0	2,808	3,098	9	91	101
Total	993	73	112	167	717	796	1	52,653	273,770	7,371	1,755	9,126
Persian Gulf³	120	—	—	—	—	233	—	637	49,847	1,640	21	1,662

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-November 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	882,447	789	—	40,993	—	968	968	280	14,283	14,563
Algeria	1,060	640	—	33,665	—	—	—	—	—	—
Angola	40,342	—	—	3,722	—	—	—	—	—	—
Ecuador	76,205	—	—	1,384	—	—	—	—	180	180
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	69,882	—	—	—	—	—	—	—	—	—
Kuwait	69,087	—	—	—	—	—	—	—	—	—
Libya	1,078	—	—	885	—	—	—	—	—	—
Nigeria	16,925	—	—	—	—	727	727	36	7,659	7,695
Qatar	—	—	—	—	—	—	—	—	64	64
Saudi Arabia	348,940	—	—	—	—	—	—	—	—	—
United Arab Emirates	602	—	—	284	—	—	—	—	—	—
Venezuela	258,326	149	—	1,053	—	241	241	244	6,380	6,624
Non-OPEC	1,555,584	2,920	43,274	143,069	—	22,476	22,476	55,811	130,527	186,338
Argentina	5,000	—	—	—	—	66	66	—	297	297
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	3,524	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	268	—	1,357	1,357	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	17,678	—	873	873	1,150	5,850	7,000
Brazil	62,956	—	105	1,034	—	789	789	—	1,654	1,654
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	456	—	—	—	—	—	—
Canada	1,050,923	64	41,280	3,049	—	10,920	10,920	25,806	23,808	49,614
Chad	25,248	—	—	37	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	125,079	—	—	1	—	—	—	—	—	—
Congo (Brazzaville)	3,061	—	—	4	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	542	—	—	—	—	—	—	—	96	96
Equatorial Guinea	1,882	—	—	198	—	—	—	—	—	—
Estonia	—	—	—	792	—	—	—	—	—	—
Finland	—	—	—	20	—	121	121	632	2,659	3,291
France	—	—	—	2,686	—	1	1	4,255	2,800	7,055
Gabon	1,959	—	—	687	—	—	—	—	—	—
Germany	—	5	—	453	—	33	33	258	382	640
Guatemala	2,807	—	—	—	—	—	—	—	—	—
India	671	—	—	5,320	—	635	635	410	16,879	17,289
Indonesia	11,078	—	—	—	—	—	—	—	—	—
Italy	481	—	—	975	—	312	312	403	1,681	2,084
Korea, South	—	—	—	152	—	120	120	459	1,759	2,218
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	309	309	—	—	—
Malaysia	182	—	—	—	—	—	—	—	—	—
Mexico	229,196	—	390	—	—	456	456	—	638	638
Netherlands	—	—	38	7,095	—	602	602	2,142	5,770	7,912
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	3,215	—	411	4,866	—	489	489	1,329	9,243	10,572
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	313	313	1,214	6,397	7,611
Russia	8,885	246	—	84,929	—	512	512	882	10,403	11,285
Spain	—	—	47	1,213	—	1,634	1,634	167	17,016	17,183
Sweden	—	—	400	238	—	236	236	3	578	581
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	2,531	—	—	327	—	180	180	—	1,201	1,201
United Kingdom	4,154	—	—	2,437	—	2,177	2,177	15,931	14,975	30,906
Vietnam	3,320	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	8,890	2,605	603	8,154	—	341	341	770	6,441	7,211
Total	2,438,031	3,709	43,274	184,062	—	23,444	23,444	56,091	144,810	200,901
Persian Gulf³	488,511	—	—	284	—	—	—	—	64	64

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	191	—	—	—	—	—	1,557	—	108	—	1,665
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	108	—	108
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	65	—	—	—	—	—	331	—	—	—	331
Saudi Arabia	46	—	—	—	—	—	1,226	—	—	—	1,226
United Arab Emirates	67	—	—	—	—	—	—	—	—	—	—
Venezuela	13	—	—	—	—	—	—	—	—	—	—
Non-OPEC	1,079	—	1,951	6,879	4,366	—	45,563	4,349	16,496	117	66,525
Argentina	79	—	—	3,473	—	—	198	—	—	—	198
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	58	—	—	—	—	—	130	—	291	—	421
Brazil	341	—	1,874	—	—	—	—	—	2	—	2
Brunel	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	36	—	36
Canada	—	—	77	1,396	—	—	37,718	487	11,456	117	49,778
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	226	—	226
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	147	—	147
France	—	—	—	—	—	—	—	—	12	—	12
Gabon	—	—	—	—	—	—	21	—	—	—	21
Germany	44	—	—	76	—	—	63	—	991	—	1,054
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	1,397	—	—	—	1,397
Indonesia	—	—	—	1,654	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	41	—	—	—	41
Korea, South	—	—	—	280	—	—	338	—	—	—	338
Latvia	—	—	—	—	—	—	92	—	—	—	92
Lithuania	—	—	—	—	—	—	329	—	—	—	329
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	277	—	277
Netherlands	537	—	—	—	—	—	605	—	249	—	854
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	321	—	25	—	346
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	3	—	3
Russia	—	—	—	—	—	—	3,175	3,712	2,290	—	9,177
Spain	—	—	—	—	—	—	—	—	30	—	30
Sweden	—	—	—	—	—	—	—	—	159	—	159
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	8	—	27	—	35
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	20	—	0	0	4,366	—	1,127	150	275	0	1,552
Total	1,270	—	1,951	6,879	4,366	—	47,120	4,349	16,604	117	68,190
Persian Gulf³	178	—	—	—	—	—	1,557	—	108	—	1,665

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	6,139	463	1,544	1,154	15	2,713
Algeria	—	—	—	266	—	1,544	—	—	1,544
Angola	—	—	—	—	—	—	566	—	566
Ecuador	—	—	—	—	79	—	—	15	15
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	217	—	217
Nigeria	—	—	—	—	—	—	240	—	240
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	547	384	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	5,326	—	—	131	—	131
Non-OPEC	1,335	24	—	37,717	4,739	3,125	9,859	45,726	58,710
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	123	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	14	—	—	—	—
Brazil	—	—	—	—	205	34	1,228	504	1,766
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	88	—	88
Canada	10	24	—	3,944	1,468	904	4,793	11,345	17,042
Chad	—	—	—	—	—	—	—	—	—
China	533	—	—	921	—	—	—	—	—
Colombia	—	—	—	—	—	—	3	5,602	5,605
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	358	—	358
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	193	—	—	193
Germany	—	—	—	—	50	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	4,022	112	—	531	—	531
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	170	56	226
Korea, South	244	—	—	23,981	1,128	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	180	11	16,502	16,693
Netherlands	—	—	—	23	72	220	528	1,104	1,852
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	1,139	562	5,486	7,187
Spain	—	—	—	—	—	—	—	150	150
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	304	—	320	—	3,110	3,430
United Kingdom	—	—	—	10	—	—	107	—	107
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	548	0	—	4,389	1,690	135	1,480	1,867	3,482
Total	1,335	24	—	43,856	5,202	4,669	11,013	45,741	61,423
Persian Gulf³	—	—	—	547	384	—	—	—	—

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	433	4	15	1,506	1,387	2,453	—	74,282	956,729	2,642	222	2,864
Algeria	21	—	—	—	—	—	—	36,136	37,196	3	108	111
Angola	—	—	—	—	—	—	—	4,288	44,630	121	13	134
Ecuador	—	—	—	—	—	—	—	1,658	77,863	228	5	233
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	69,882	209	—	209
Kuwait	—	—	—	—	—	—	—	108	69,195	207	0	207
Libya	—	—	—	—	—	—	—	1,102	2,180	3	3	7
Nigeria	—	—	—	—	—	—	—	8,662	25,587	51	26	77
Qatar	—	—	15	—	—	2,453	—	2,928	2,928	—	9	9
Saudi Arabia	144	—	—	—	—	—	—	2,347	351,287	1,045	7	1,052
United Arab Emirates	43	—	—	—	—	—	—	394	996	2	1	3
Venezuela	225	4	—	1,506	1,387	—	—	16,659	274,985	773	50	823
Non-OPEC	10,458	2,144	1,846	2,300	9,205	9,311	14	617,380	2,172,964	4,657	1,848	6,506
Argentina	98	958	—	246	—	21	—	5,436	10,436	15	16	31
Aruba	—	—	—	—	—	—	—	123	123	—	0	0
Australia	—	—	—	—	—	—	—	—	3,524	11	—	11
Bahamas	—	—	—	—	—	—	—	1,625	1,625	—	5	5
Bahrain	—	—	—	—	—	789	—	789	789	—	2	2
Belgium	28	—	—	—	—	56	—	26,129	26,129	—	78	78
Brazil	719	—	15	192	—	93	—	8,789	71,745	188	26	215
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	580	580	—	2	2
Canada	1,016	896	653	550	7,926	3,579	14	193,940	1,244,863	3,146	581	3,727
Chad	—	—	—	—	—	—	—	37	25,285	76	0	76
China	—	—	547	—	—	—	—	2,001	2,001	—	6	6
Colombia	—	—	—	—	135	—	—	5,967	131,046	374	18	392
Congo (Brazzaville)	—	—	—	—	—	—	—	4	3,065	9	0	9
Denmark	—	—	—	—	—	—	—	358	358	—	1	1
Egypt	—	—	56	—	—	—	—	152	694	2	0	2
Equatorial Guinea	—	—	—	—	—	—	—	198	2,080	6	1	6
Estonia	—	—	—	—	—	—	—	792	792	—	2	2
Finland	—	—	—	—	—	12	—	3,591	3,591	—	11	11
France	22	234	31	—	—	124	—	10,165	10,165	—	30	30
Gabon	—	—	—	—	—	—	—	901	2,860	6	3	9
Germany	29	—	7	130	—	183	—	2,707	2,707	—	8	8
Guatemala	—	—	—	—	—	—	—	—	2,807	8	—	8
India	33	—	8	—	—	—	—	29,347	30,018	2	88	90
Indonesia	—	—	1	—	—	57	—	1,712	12,790	33	5	38
Italy	42	—	62	—	64	361	—	4,190	4,671	1	13	14
Korea, South	1,502	—	—	—	—	3,545	—	33,508	33,508	—	100	100
Latvia	—	—	—	—	—	—	—	92	92	—	0	0
Lithuania	—	—	—	—	—	—	—	638	638	—	2	2
Malaysia	23	—	168	—	—	24	—	215	397	1	1	1
Mexico	5,350	—	—	—	—	—	—	23,804	253,000	686	71	757
Netherlands	279	—	1	—	—	14	—	19,279	19,279	—	58	58
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	133	—	—	—	16,817	20,032	10	50	60
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	5	—	—	—	—	—	—	7,932	7,932	—	24	24
Russia	57	—	—	—	—	35	—	113,438	122,323	27	340	366
Spain	49	—	—	727	522	—	—	21,555	21,555	—	65	65
Sweden	—	—	—	2	—	11	—	1,627	1,627	—	5	5
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	5,442	7,973	8	16	24
United Kingdom	457	56	—	129	—	150	—	36,464	40,618	12	109	122
Vietnam	—	—	—	—	—	—	—	—	3,320	10	—	10
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	749	0	297	191	558	257	0	37,036	45,926	26	111	139
Total	10,891	2,148	1,861	3,806	10,592	11,764	14	691,662	3,129,693	7,299	2,071	9,370
Persian Gulf³	187	—	15	—	—	3,242	—	6,566	495,077	1,463	20	1,482

— = No Data Reported.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,327	—	—	—	—	13	13	34	1,565	1,599
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	2,730	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	1,039	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	2,168	—	—	—	—	13	13	32	952	984
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	2,018	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	372	—	—	—	—	—	—	2	613	615
Non-OPEC	14,452	—	1,322	1,122	—	1,674	1,674	2,773	4,706	7,479
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	560	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	200	200	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	187	187
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	7,495	—	1,322	—	—	991	991	982	756	1,738
Chad	950	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	2,940	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	2	—	2
France	—	—	—	—	—	—	—	276	—	276
Gabon	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	2	—	2
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	79	79	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	2,217	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	424	424
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	328	328	302	—	302
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	223	579	802
Russia	—	—	—	670	—	26	26	—	677	677
Spain	—	—	—	—	—	4	4	18	1,614	1,632
Sweden	—	—	—	—	—	1	1	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	342	—	—	—	968	—	968
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	290	0	0	110	—	45	45	0	469	469
Total	22,779	2	1,322	1,122	—	1,687	1,687	2,807	6,271	9,078
Persian Gulf³	3,057	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	67	460	140	-	2,321	364	1,310	-	3,995
Argentina	-	-	-	336	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	61	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	6	123	-	-	1,405	37	1,310	-	2,752
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	1	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	916	327	-	-	1,243
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	0	140	-	0	0	0	-	0
Total	-	-	67	460	140	-	2,321	364	1,310	-	3,995
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	532	—	—	240	—	240
Algeria	—	—	—	211	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	240	—	240
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	321	—	—	—	—	—
Non-OPEC	335	1	—	787	—	—	358	2,354	2,712
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	9	9
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	63	—	—	—	611	611
Chad	—	—	—	—	—	—	—	—	—
China	275	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	927	927
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	358	—	358
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	314	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	410	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	17	17
Netherlands	—	—	—	—	—	—	—	293	293
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	282	282
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	60	0	—	0	—	—	0	215	215
Total	335	1	—	1,319	—	—	598	2,354	2,952
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	100	—	—	—	248	—	—	2,732	11,059	278	91	369
Algeria	—	—	—	—	—	—	—	211	211	—	7	7
Angola	—	—	—	—	—	—	—	—	2,730	91	—	91
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	1,039	35	—	35
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	1,237	3,405	72	41	114
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	2,018	67	—	67
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	100	—	—	—	248	—	—	1,284	1,656	12	43	55
Non-OPEC	1	2	66	1	154	137	—	20,458	34,910	482	682	1,164
Argentina	—	—	—	—	—	—	—	336	336	—	11	11
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	560	19	—	19
Bahamas	—	—	—	—	—	—	—	200	200	—	7	7
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	1	—	188	188	—	6	6
Brazil	—	—	—	—	—	—	—	70	70	—	2	2
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	1	2	17	1	122	120	—	7,872	15,367	250	262	512
Chad	—	—	—	—	—	—	—	—	950	32	—	32
China	—	—	35	—	—	—	—	310	310	—	10	10
Colombia	—	—	—	—	—	—	—	927	3,867	98	31	129
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	358	358	—	12	12
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	2	2	—	0	0
France	—	—	—	—	—	6	—	282	282	—	9	9
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	9	—	9	9	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	314	314	—	10	10
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	1	—	3	3	—	0	0
Korea, South	—	—	—	—	—	—	—	411	411	—	14	14
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	79	79	—	3	3
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	17	2,234	74	1	74
Netherlands	—	—	—	—	—	—	—	717	717	—	24	24
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	630	630	—	21	21
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	802	802	—	27	27
Russia	—	—	—	—	—	—	—	2,899	2,899	—	97	97
Spain	—	—	—	—	—	—	—	1,636	1,636	—	55	55
Sweden	—	—	—	—	—	—	—	1	1	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	1,310	1,310	—	44	44
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	14	0	32	0	—	1,085	1,375	9	36	46
Total	101	2	66	1	402	137	—	23,190	45,969	759	773	1,532
Persian Gulf³	—	—	—	—	—	—	—	—	3,057	102	—	102

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	515	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	515	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	63,671	4	2,300	-	-	-	-	-	327	327
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	63,671	4	2,300	-	-	-	-	-	327	327
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	64,186	4	2,300	-	-	-	-	-	327	327
Persian Gulf³	515	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	7	-	-	4	11
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	7	-	-	4	11
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	0	-	-	0	0
Total	-	-	-	-	-	-	7	-	-	4	11
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	39	-	26	30	56
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	39	-	26	30	56
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	0	-	0	0	0
Total	-	-	-	-	39	-	26	30	56
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	1	—	1	516	17	0	17
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	1	—	1	1	—	0	0
Saudi Arabia	—	—	—	—	—	—	—	—	515	17	—	17
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	69	7	—	17	206	193	—	3,292	66,963	2,122	110	2,232
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	69	7	—	17	206	193	—	3,292	66,963	2,122	110	2,232
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	0	0	—	0	0	0	0	0
Total	69	7	—	17	206	194	—	3,293	67,479	2,140	110	2,249
Persian Gulf³	—	—	—	—	—	1	—	1	516	17	0	17

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	56,301	320	—	4,665	—	—	—	—	—	—
Algeria	—	320	—	3,176	—	—	—	—	—	—
Angola	1,441	—	—	1,205	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	5,480	—	—	—	—	—	—	—	—	—
Kuwait	2,232	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	23,709	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	284	—	—	—	—	—	—
Venezuela	23,439	—	—	—	—	—	—	—	—	—
Non-OPEC	35,636	321	—	9,712	—	379	379	—	24	24
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1,684	—	—	—	—	—	—
Brazil	2,046	—	—	—	—	349	349	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	9,570	—	—	227	—	—	—	—	—	—
Chad	950	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	5,181	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	810	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	272	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	207	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	16,728	—	—	—	—	30	30	—	24	24
Netherlands	—	—	—	205	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	479	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	6,100	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	353	—	—	—	—	—	—	—	—	—
United Kingdom	536	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	321	—	0	—	0	0	—	0	0
Total	91,937	641	—	14,377	—	379	379	—	24	24
Persian Gulf³	31,421	—	—	284	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	31	—	—	201	75	—	94	—	301	—	395
Argentina	—	—	—	201	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	31	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	63	—	200	—	263
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	23	—	74	—	97
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	8	—	27	—	35
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	—	0	75	—	0	—	0	—	0
Total	31	—	—	201	75	—	94	—	301	—	395
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	—	543	—	107	918	1,025
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	41	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	126	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	156	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	918	918
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	107	—	107
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	220	—	0	0	0
Total	—	—	—	—	543	—	107	918	1,025
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	120	—	—	29	—	232	—	5,366	61,667	1,877	179	2,056
Algeria	—	—	—	—	—	—	—	3,496	3,496	—	117	117
Angola	—	—	—	—	—	—	—	1,205	2,646	48	40	88
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	5,480	183	—	183
Kuwait	—	—	—	—	—	—	—	—	2,232	74	—	74
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	232	—	232	232	—	8	8
Saudi Arabia	120	—	—	—	—	—	—	120	23,829	790	4	794
United Arab Emirates	—	—	—	—	—	—	—	284	284	—	9	9
Venezuela	—	—	—	29	—	—	—	29	23,468	781	1	782
Non-OPEC	669	64	21	89	—	201	—	13,759	49,395	1,188	459	1,647
Argentina	—	—	—	—	—	2	—	203	203	—	7	7
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	5	—	1,690	1,690	—	56	56
Brazil	—	—	—	—	—	—	—	421	2,467	68	14	82
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	20	43	—	—	—	—	—	416	9,986	319	14	333
Chad	—	—	—	—	—	—	—	—	950	32	—	32
China	—	—	11	—	—	—	—	11	11	—	0	0
Colombia	—	—	—	—	—	—	—	—	5,181	173	—	173
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	21	9	—	—	3	—	843	843	—	28	28
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	9	—	272	272	—	9	9
Guatemala	—	—	—	—	—	—	—	—	272	9	—	9
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	5	—	216	216	—	7	7
Korea, South	83	—	—	—	—	164	—	403	403	—	13	13
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	495	—	—	—	—	—	—	1,467	18,195	558	49	607
Netherlands	14	—	—	—	—	—	—	316	316	—	11	11
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	479	479	—	16	16
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	6,100	6,100	—	203	203
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	353	12	—	12
United Kingdom	11	—	—	89	—	13	—	255	791	18	9	26
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	46	0	1	0	—	0	—	667	667	-1	23	23
Total	789	64	21	118	—	433	—	19,125	111,062	3,065	638	3,702
Persian Gulf³	120	—	—	—	—	232	—	636	32,057	1,047	21	1,069

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
	PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7,975	-	379	-	-	-	-	-	20	20
Canada	7,975	-	379	-	-	-	-	-	20	20
Other	0	-	0	-	-	-	-	-	0	0
Total	7,975	-	379	-	-	-	-	-	20	20
	PAD District 5									
OPEC	21,838	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	1,554	-	-	-	-	-	-	-	-	-
Ecuador	5,721	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,545	-	-	-	-	-	-	-	-	-
Kuwait	1,961	-	-	-	-	-	-	-	-	-
Libya	189	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	10,711	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	157	-	-	-	-	-	-	-	-	-
Non-OPEC	12,402	-	232	152	-	28	28	144	1,384	1,528
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	527	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	6,477	-	178	-	-	28	28	-	369	369
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,999	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	1,329	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	144	158	302
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	209	209
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	648	648
Vietnam	472	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	598	-	54	152	-	0	0	0	0	0
Total	34,240	-	232	152	-	28	28	144	1,384	1,528
Persian Gulf ³	14,217	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	3	-	-	-	-	-	-	-
Canada	-	-	-	3	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	-	-	-	-	-
Total	-	-	-	3	-	-	-	-	-	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	431	37	257	-	108	-	-	-	108
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	431	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	9	-	-	108	-	-	-	108
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	28	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	0	257	-	0	-	-	-	0
Total	-	-	431	37	257	-	108	-	-	-	108
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin			Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	Kerosene	Finished Aviation Gasoline							
	PAD District 4								
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
	PAD District 5								
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	1,730	-	90	-	1,818	1,908
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	-	-	16	-	90	-	144	234
China	-	-	-	315	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	330	-	-	-	-	-
Korea, South	-	-	-	1,069	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	1,204	1,204
Netherlands	-	-	-	-	-	-	-	130	130
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	0	-	340	340
Total	-	-	-	1,730	-	90	-	1,818	1,908
Persian Gulf ³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks								Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Waxes	Petroleum Coke	Asphalt and Road Oil
	PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	—	47	—	1	450	8,425	266	15	281
Canada	—	—	—	—	47	—	1	450	8,425	266	15	281
Other	—	—	—	—	0	—	0	0	0	0	0	0
Total	—	—	—	—	47	—	1	450	8,425	266	15	281
	PAD District 5											
OPEC	—	—	—	—	—	—	—	—	21,838	728	—	728
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	1,554	52	—	52
Ecuador	—	—	—	—	—	—	—	—	5,721	191	—	191
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	1,545	52	—	52
Kuwait	—	—	—	—	—	—	—	—	1,961	65	—	65
Libya	—	—	—	—	—	—	—	—	189	6	—	6
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	10,711	357	—	357
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	157	5	—	5
Non-OPEC	34	—	25	31	62	32	—	6,595	18,997	413	220	633
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	527	18	—	18
Brazil	—	—	—	—	—	—	—	431	431	—	14	14
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	31	62	5	—	1,040	7,517	216	35	251
China	—	—	5	—	—	—	—	320	320	—	11	11
Colombia	—	—	—	—	—	—	—	—	2,999	100	—	100
Finland	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	1	—	—	—	—	1	1,330	44	0	44
Japan	—	—	19	—	—	1	—	350	350	—	12	12
Korea, South	—	—	—	—	—	26	—	1,425	1,425	—	48	48
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	1,204	1,204	—	40	40
Netherlands	—	—	—	—	—	—	—	130	130	—	4	4
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	466	466	—	16	16
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Taiwan	34	—	—	—	—	—	—	34	34	—	1	1
United Kingdom	—	—	—	—	—	—	—	648	648	—	22	22
Vietnam	—	—	—	—	—	—	—	—	472	16	—	16
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	0	0	—	546	1,144	19	17	36
Total	34	—	25	31	62	32	—	6,595	40,835	1,141	220	1,361
Persian Gulf ³	—	—	—	—	—	—	—	—	14,217	474	—	474

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	54,887	—	—	3,602	—	968	968	280	13,862	14,142
Algeria	—	—	—	2,793	—	—	—	—	—	—
Angola	15,663	—	—	426	—	—	—	—	—	—
Ecuador	736	—	—	—	—	—	—	—	180	180
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	8,123	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	730	—	—	—	—	—	—	—	—	—
Nigeria	11,664	—	—	—	—	727	727	36	7,659	7,695
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	15,970	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	2,001	—	—	383	—	241	241	244	6,023	6,267
Non-OPEC	161,977	9	14,930	14,660	—	19,264	19,264	53,737	108,056	161,793
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	560	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,357	1,357	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	897	—	873	873	1,150	5,586	6,736
Brazil	1,565	—	—	8	—	—	—	—	933	933
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	82,680	4	14,119	235	—	9,544	9,544	25,705	15,343	41,048
Chad	12,881	—	—	37	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	24,198	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	3,061	—	—	4	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	96	96
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	398	—	—	—	—	—	—
Finland	—	—	—	—	—	97	97	632	2,580	3,212
France	—	—	—	619	—	1	1	4,253	2,799	7,052
Gabon	1,959	—	—	—	—	—	—	—	—	—
Germany	—	5	—	—	—	33	33	258	382	640
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	302	302	9	13,383	13,392
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	481	—	—	—	—	312	312	268	1,611	1,879
Korea, South	—	—	—	—	—	—	—	315	155	470
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	309	309	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	26,388	—	—	—	—	196	196	—	303	303
Netherlands	—	—	—	224	—	602	602	1,997	5,644	7,641
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	1,051	—	411	362	—	489	489	1,329	9,243	10,572
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	313	313	1,214	6,397	7,611
Russia	—	—	—	7,825	—	288	288	610	10,040	10,650
Spain	—	—	—	144	—	1,634	1,634	167	16,568	16,735
Sweden	—	—	400	—	—	225	225	3	551	554
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	180	180	—	612	612
United Kingdom	—	—	—	1,210	—	2,168	2,168	15,537	11,661	27,198
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	7,153	0	0	2,697	—	341	341	290	4,169	4,459
Total	216,864	9	14,930	18,262	—	20,232	20,232	54,017	121,918	175,935
Persian Gulf³	24,093	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	1,557	—	—	—	1,557
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	331	—	—	—	331
Saudi Arabia	—	—	—	—	—	—	1,226	—	—	—	1,226
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	976	3,519	408	—	40,077	4,305	11,942	—	56,324
Argentina	—	—	—	2,274	—	—	198	—	—	—	198
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	130	—	—	—	130
Brazil	—	—	899	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	77	642	—	—	33,189	443	10,796	—	44,428
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	226	—	226
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	147	—	147
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	21	—	—	—	21
Germany	—	—	—	76	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	1,397	—	—	—	1,397
Indonesia	—	—	—	526	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	1	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	92	—	—	—	92
Lithuania	—	—	—	—	—	—	329	—	—	—	329
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	582	—	17	—	599
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	321	—	—	—	321
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	1	—	1
Russia	—	—	—	—	—	—	3,175	3,712	690	—	7,577
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	408	—	643	150	65	—	858
Total	—	—	976	3,519	408	—	41,634	4,305	11,942	—	57,881
Persian Gulf³	—	—	—	—	—	—	1,557	—	—	—	1,557

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	6,139	—	1,175	240	15	1,430
Algeria	—	—	—	266	—	1,175	—	—	1,175
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	15	15
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	240	—	240
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	547	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	5,326	—	—	—	—	—
Non-OPEC	1,335	11	—	17,980	—	1,001	5,715	22,469	29,185
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	123	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	34	872	195	1,101
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	10	11	—	3,258	—	639	3,485	10,060	14,184
Chad	—	—	—	—	—	—	—	—	—
China	533	—	—	232	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	5,602	5,602
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	358	—	358
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	193	—	—	193
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	3,197	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	244	—	—	8,785	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	1,208	1,208
Netherlands	—	—	—	23	—	—	268	634	902
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	46	2,631	2,677
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	304	—	—	—	1,404	1,404
United Kingdom	—	—	—	10	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	548	0	—	2,048	—	135	686	735	1,556
Total	1,335	11	—	24,119	—	2,176	5,955	22,484	30,615
Persian Gulf³	—	—	—	547	—	—	—	—	—

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	100	—	—	1,425	1,288	—	—	30,651	85,538	164	92	256
Algeria	—	—	—	—	—	—	—	4,234	4,234	—	13	13
Angola	—	—	—	—	—	—	—	426	16,089	47	1	48
Ecuador	—	—	—	—	—	—	—	195	931	2	1	3
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	8,123	24	—	24
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	730	2	—	2
Nigeria	—	—	—	—	—	—	—	8,662	20,326	35	26	61
Qatar	—	—	—	—	—	—	—	331	331	—	1	1
Saudi Arabia	—	—	—	—	—	—	—	1,773	17,743	48	5	53
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	100	—	—	1,425	1,288	—	—	15,030	17,031	6	45	51
Non-OPEC	98	27	1,038	12	5,361	1,774	—	328,705	490,682	485	984	1,469
Argentina	—	—	—	—	—	—	—	2,472	2,472	—	7	7
Aruba	—	—	—	—	—	—	—	123	123	—	0	0
Australia	—	—	—	—	—	—	—	—	560	2	—	2
Bahamas	—	—	—	—	—	—	—	1,357	1,357	—	4	4
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	7	—	8,643	8,643	—	26	26
Brazil	—	—	—	—	—	93	—	3,034	4,599	5	9	14
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	18	27	578	9	4,193	1,303	—	133,688	216,368	248	400	648
Chad	—	—	—	—	—	—	—	37	12,918	39	0	39
China	—	—	187	—	—	—	—	952	952	—	3	3
Colombia	—	—	—	—	103	—	—	5,931	30,129	72	18	90
Congo (Brazzaville)	—	—	—	—	—	—	—	4	3,065	9	0	9
Denmark	—	—	—	—	—	—	—	358	358	—	1	1
Egypt	—	—	56	—	—	—	—	152	152	—	0	0
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	398	398	—	1	1
Finland	—	—	—	—	—	—	—	3,456	3,456	—	10	10
France	—	—	—	—	—	57	—	7,729	7,729	—	23	23
Gabon	—	—	—	—	—	—	—	214	2,173	6	1	7
Germany	—	—	7	3	—	125	—	889	889	—	3	3
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	7	—	—	—	—	18,295	18,295	—	55	55
Indonesia	—	—	—	—	—	—	—	526	526	—	2	2
Italy	—	—	—	—	64	59	—	2,314	2,795	1	7	8
Korea, South	—	—	—	—	—	96	—	9,596	9,596	—	29	29
Latvia	—	—	—	—	—	—	—	92	92	—	0	0
Lithuania	—	—	—	—	—	—	—	638	638	—	2	2
Malaysia	—	—	2	—	—	24	—	26	26	—	0	0
Mexico	—	—	—	—	—	—	—	1,707	28,095	79	5	84
Netherlands	—	—	1	—	—	—	—	9,992	9,992	—	30	30
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	12,155	13,206	3	36	40
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	7,925	7,925	—	24	24
Russia	50	—	—	—	—	1	—	29,069	29,069	—	87	87
Spain	30	—	—	—	443	—	—	18,986	18,986	—	57	57
Sweden	—	—	—	—	—	—	—	1,179	1,179	—	4	4
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	2,500	2,500	—	7	7
United Kingdom	—	—	—	—	—	—	—	30,586	30,586	—	92	92
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	200	0	558	9	—	13,682	20,835	21	41	61
Total	198	27	1,038	1,437	6,649	1,774	—	359,356	576,220	649	1,076	1,725
Persian Gulf³	—	—	—	—	—	—	—	2,104	26,197	72	6	78

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	11,220	-	-	380	-	-	-	-	-	-
Algeria	-	-	-	380	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	11,220	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	684,403	42	23,205	1,213	-	44	44	-	2,679	2,679
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	684,403	42	23,205	-	-	44	44	-	2,679	2,679
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	1,213	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	0	0	-	0	0
Total	695,623	42	23,205	1,593	-	44	44	-	2,679	2,679
Persian Gulf³	11,220	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	58	-	-	978	20	285	117	1,400
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	58	-	-	978	20	285	117	1,400
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	0	0	0	0	0
Total	-	-	-	58	-	-	978	20	285	117	1,400
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	5	—	8	403	17	958	313	1,288
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	5	—	8	403	17	958	313	1,288
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	—	0	0	0	0	0	0
Total	—	5	—	8	403	17	958	313	1,288
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	2	—	382	11,602	34	1	35
Algeria	—	—	—	—	—	—	—	380	380	—	1	1
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	2	—	2	2	—	0	0
Saudi Arabia	—	—	—	—	—	—	—	—	11,220	34	—	34
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	800	461	73	204	2,533	2,237	1	37,294	721,697	2,049	112	2,161
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	1	—	1	1	—	0	0
Brazil	—	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	800	461	73	194	2,533	2,230	1	36,064	720,467	2,049	108	2,157
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	8	—	4	—	12	12	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	1,213	1,213	—	4	4
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	2	—	—	—	2	2	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	0	2	0	2	2	0	0	0
Total	800	461	73	204	2,533	2,239	1	37,676	733,299	2,083	113	2,196
Persian Gulf³	—	—	—	—	—	2	—	2	11,222	34	0	34

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	599,084	789	-	32,084	-	-	-	-	421	421
Algeria	1,060	640	-	27,306	-	-	-	-	-	-
Angola	11,922	-	-	3,296	-	-	-	-	-	-
Ecuador	17,487	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	45,834	-	-	-	-	-	-	-	-	-
Kuwait	46,975	-	-	-	-	-	-	-	-	-
Libya	-	-	-	528	-	-	-	-	-	-
Nigeria	3,317	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	64	64
Saudi Arabia	218,371	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	284	-	-	-	-	-	-
Venezuela	254,118	149	-	670	-	-	-	-	357	357
Non-OPEC	451,458	2,851	580	115,258	-	885	885	-	4,087	4,087
Argentina	1,345	-	-	-	-	66	66	-	297	297
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	1,785	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	268	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	15,756	-	-	-	-	-	-
Brazil	46,155	-	105	1,026	-	789	789	-	721	721
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	456	-	-	-	-	-	-
Canada	111,353	-	-	2,423	-	-	-	-	-	-
Chad	12,367	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	63,234	-	-	1	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	542	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	20	-	-	-	-	-	-
France	-	-	-	2,067	-	-	-	-	-	-
Gabon	-	-	-	687	-	-	-	-	-	-
Germany	-	-	-	309	-	-	-	-	-	-
Guatemala	2,807	-	-	-	-	-	-	-	-	-
India	-	-	-	1,207	-	-	-	-	831	831
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	975	-	-	-	-	-	-
Korea, South	-	-	-	152	-	-	-	-	86	86
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	202,808	-	390	-	-	30	30	-	335	335
Netherlands	-	-	38	6,650	-	-	-	-	50	50
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	2,164	-	-	3,994	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	246	-	73,323	-	-	-	-	-	-
Spain	-	-	47	956	-	-	-	-	448	448
Sweden	-	-	-	238	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	2,531	-	-	327	-	-	-	-	589	589
United Kingdom	3,893	-	-	856	-	-	-	-	367	367
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	474	2,605	0	3,567	-	0	0	-	363	363
Total	1,050,542	3,640	580	147,342	-	885	885	-	4,508	4,508
Persian Gulf³	311,180	-	-	284	-	-	-	-	64	64

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	191	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	65	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	46	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	67	—	—	—	—	—	—	—	—	—	—
Venezuela	13	—	—	—	—	—	—	—	—	—	—
Non-OPEC	1,079	—	143	2,282	443	—	135	—	3,179	—	3,314
Argentina	79	—	—	1,091	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	58	—	—	—	—	—	—	—	291	—	291
Brazil	341	—	143	—	—	—	—	—	2	—	2
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	36	—	36
Canada	—	—	—	63	—	—	—	—	207	—	207
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	12	—	12
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	44	—	—	—	—	—	63	—	991	—	1,054
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	1,128	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	41	—	—	—	41
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	277	—	277
Netherlands	537	—	—	—	—	—	23	—	232	—	255
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	25	—	25
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	2	—	2
Russia	—	—	—	—	—	—	—	—	860	—	860
Spain	—	—	—	—	—	—	—	—	30	—	30
Sweden	—	—	—	—	—	—	—	—	159	—	159
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	8	—	27	—	35
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	20	—	0	0	443	—	0	—	28	—	28
Total	1,270	—	143	2,282	443	—	135	—	3,179	—	3,314
Persian Gulf³	178	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	463	369	914	—	1,283
Algeria	—	—	—	—	—	369	—	—	369
Angola	—	—	—	—	—	—	566	—	566
Ecuador	—	—	—	—	79	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	217	—	217
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	384	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	131	—	131
Non-OPEC	—	—	—	—	4,336	1,922	2,305	9,374	13,601
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	14	—	—	—	—
Brazil	—	—	—	—	205	—	356	309	665
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	88	—	88
Canada	—	—	—	—	1,065	93	—	—	93
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	3	—	3
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	50	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	112	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	170	56	226
Korea, South	—	—	—	—	1,128	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	150	11	6,446	6,607
Netherlands	—	—	—	—	72	220	260	—	480
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	1,139	516	2,122	3,777
Spain	—	—	—	—	—	—	—	150	150
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	320	—	—	320
United Kingdom	—	—	—	—	—	—	107	—	107
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	1,690	0	794	291	1,085
Total	—	—	—	—	4,799	2,291	3,219	9,374	14,884
Persian Gulf³	—	—	—	—	384	—	—	—	—

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	333	4	15	81	—	2,413	—	38,077	637,161	1,794	114	1,908
Algeria	21	—	—	—	—	—	—	28,336	29,396	3	85	88
Angola	—	—	—	—	—	—	—	3,862	15,784	36	12	47
Ecuador	—	—	—	—	—	—	—	79	17,566	52	0	53
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	45,834	137	—	137
Kuwait	—	—	—	—	—	—	—	—	46,975	141	—	141
Libya	—	—	—	—	—	—	—	745	745	—	2	2
Nigeria	—	—	—	—	—	—	—	—	3,317	10	—	10
Qatar	—	—	15	—	—	2,413	—	2,557	2,557	—	8	8
Saudi Arabia	144	—	—	—	—	—	—	574	218,945	654	2	656
United Arab Emirates	43	—	—	—	—	—	—	394	394	—	1	1
Venezuela	125	4	—	81	—	—	—	1,530	255,648	761	5	765
Non-OPEC	9,145	1,656	360	1,737	—	5,120	—	166,936	618,394	1,352	500	1,851
Argentina	98	958	—	246	—	21	—	2,856	4,201	4	9	13
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	1,785	5	—	5
Bahamas	—	—	—	—	—	—	—	268	268	—	1	1
Bahrain	—	—	—	—	—	789	—	789	789	—	2	2
Belgium	28	—	—	—	—	48	—	16,196	16,196	—	48	48
Brazil	719	—	15	192	—	—	—	4,923	51,078	138	15	153
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	580	580	—	2	2
Canada	198	408	—	—	—	—	—	4,457	115,810	333	13	347
Chad	—	—	—	—	—	—	—	—	12,367	37	—	37
China	—	—	52	—	—	—	—	52	52	—	0	0
Colombia	—	—	—	—	—	—	—	4	63,238	189	0	189
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	542	2	—	2
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	12	—	32	32	—	0	0
France	22	234	31	—	—	67	—	2,433	2,433	—	7	7
Gabon	—	—	—	—	—	—	—	687	687	—	2	2
Germany	29	—	—	119	—	54	—	1,662	1,662	—	5	5
Guatemala	—	—	—	—	—	—	—	—	2,807	8	—	8
India	33	—	1	—	—	—	—	2,184	2,184	—	7	7
Indonesia	—	—	—	—	—	57	—	1,185	1,185	—	4	4
Italy	42	—	62	—	—	302	—	1,671	1,671	—	5	5
Korea, South	1,354	—	—	—	—	3,318	—	6,038	6,038	—	18	18
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	23	—	164	—	—	—	—	187	187	—	1	1
Mexico	5,350	—	—	—	—	—	—	12,989	215,797	607	39	646
Netherlands	279	—	—	—	—	14	—	8,375	8,375	—	25	25
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	133	—	—	—	4,152	6,316	6	12	19
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	5	—	—	—	—	—	—	7	7	—	0	0
Russia	7	—	—	—	—	34	—	78,256	78,256	—	234	234
Spain	19	—	—	727	—	—	—	2,377	2,377	—	7	7
Sweden	—	—	—	—	—	11	—	408	408	—	1	1
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	1,236	3,767	8	4	11
United Kingdom	457	56	—	129	—	150	—	2,157	6,050	12	6	18
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	482	0	35	191	—	243	—	10,775	11,249	3	33	34
Total	9,478	1,660	375	1,818	—	7,533	—	205,013	1,255,555	3,145	614	3,759
Persian Gulf³	187	—	15	—	—	3,202	—	4,314	315,494	932	13	945

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven- tional	Total	Reform-ulated	Conven- tional	Total
	PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	95,590	-	2,891	-	-	24	24	-	498	498
Canada	95,590	-	2,891	-	-	24	24	-	498	498
Other	0	-	0	-	-	0	0	-	0	0
Total	95,590	-	2,891	-	-	24	24	-	498	498
	PAD District 5									
OPEC	217,256	-	-	4,927	-	-	-	-	-	-
Algeria	-	-	-	3,186	-	-	-	-	-	-
Angola	12,757	-	-	-	-	-	-	-	-	-
Ecuador	57,982	-	-	1,384	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	15,925	-	-	-	-	-	-	-	-	-
Kuwait	22,112	-	-	-	-	-	-	-	-	-
Libya	348	-	-	357	-	-	-	-	-	-
Nigeria	1,944	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	103,379	-	-	-	-	-	-	-	-	-
United Arab Emirates	602	-	-	-	-	-	-	-	-	-
Venezuela	2,207	-	-	-	-	-	-	-	-	-
Non-OPEC	162,156	18	1,668	11,938	-	2,259	2,259	2,074	15,207	17,281
Argentina	3,655	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	1,179	-	-	-	-	-	-	-	-	-
Brazil	15,236	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	76,897	18	1,065	391	-	1,308	1,308	101	5,288	5,389
China	-	-	-	-	-	-	-	-	-	-
Colombia	37,647	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	24	24	-	79	79
Germany	-	-	-	144	-	-	-	-	-	-
Indonesia	11,078	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	592	592
Korea, South	-	-	-	-	-	120	120	144	1,518	1,662
Malaysia	182	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	230	230	-	-	-
Netherlands	-	-	-	221	-	-	-	145	76	221
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	903	-	325	165	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	480	689	1,169
Sweden	-	-	-	-	-	11	11	-	27	27
Taiwan	-	-	-	-	-	-	-	-	574	574
United Kingdom	261	-	-	371	-	9	9	394	2,947	3,341
Vietnam	3,320	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	11,798	0	278	10,646	-	557	557	810	3,417	4,227
Total	379,412	18	1,668	16,865	-	2,259	2,259	2,074	15,207	17,281
Persian Gulf ³	142,018	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	24	-	-	219	20	19	-	258
Canada	-	-	-	24	-	-	219	20	19	-	258
Other	-	-	-	0	-	-	0	0	0	-	0
Total	-	-	-	24	-	-	219	20	19	-	258
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	108	-	108
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	108	-	108
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	832	996	3,515	-	4,154	4	1,071	-	5,229
Argentina	-	-	-	108	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	832	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	609	-	-	3,332	4	149	-	3,485
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	484	-	-	-	484
Korea, South	-	-	-	279	-	-	338	-	-	-	338
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	0	3,515	-	0	0	922	-	922
Total	-	-	832	996	3,515	-	4,154	4	1,179	-	5,337
Persian Gulf³	-	-	-	-	-	-	-	-	108	-	108

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin			Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	PAD District 4								
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	8	—	—	—	—	163	—	163
Canada	—	8	—	—	—	—	163	—	163
Other	—	0	—	—	—	—	0	—	0
Total	—	8	—	—	—	—	163	—	163
	PAD District 5								
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	19,729	—	185	718	13,570	14,473
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Canada	—	—	—	678	—	155	187	972	1,314
China	—	—	—	689	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Japan	—	—	—	2,019	—	—	—	—	—
Korea, South	—	—	—	15,196	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	30	—	8,848	8,878
Netherlands	—	—	—	—	—	—	—	470	470
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	841	841
Singapore	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	322	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Other	—	—	—	825	—	0	531	2,439	2,970
Total	—	—	—	19,729	—	185	718	13,570	14,473
Persian Gulf ³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2015
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks									Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
	PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	389	-	13	4,268	99,858	286	13	299
Canada	-	-	-	-	389	-	13	4,268	99,858	286	13	299
Other	-	-	-	-	0	-	0	0	0	0	0	0
Total	-	-	-	-	389	-	13	4,268	99,858	286	13	299
	PAD District 5											
OPEC	-	-	-	-	99	38	-	5,172	222,428	650	15	666
Algeria	-	-	-	-	-	-	-	3,186	3,186	-	10	10
Angola	-	-	-	-	-	-	-	-	12,757	38	-	38
Ecuador	-	-	-	-	-	-	-	1,384	59,366	174	4	178
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	15,925	48	-	48
Kuwait	-	-	-	-	-	-	-	108	22,220	66	0	67
Libya	-	-	-	-	-	-	-	357	705	1	1	2
Nigeria	-	-	-	-	-	-	-	-	1,944	6	-	6
Qatar	-	-	-	-	-	38	-	38	38	-	0	0
Saudi Arabia	-	-	-	-	-	-	-	-	103,379	310	-	310
United Arab Emirates	-	-	-	-	-	-	-	-	602	2	-	2
Venezuela	-	-	-	-	99	-	-	99	2,306	7	0	7
Non-OPEC	415	-	375	347	922	180	-	80,177	242,333	485	240	726
Argentina	-	-	-	-	-	-	-	108	3,763	11	0	11
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	1,179	4	-	4
Brazil	-	-	-	-	-	-	-	832	16,068	46	2	48
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	2	347	811	46	-	15,463	92,360	230	46	277
China	-	-	308	-	-	-	-	997	997	-	3	3
Colombia	-	-	-	-	32	-	-	32	37,679	113	0	113
Finland	-	-	-	-	-	-	-	103	103	-	0	0
Germany	-	-	-	-	-	-	-	144	144	-	0	0
Indonesia	-	-	1	-	-	-	-	1	11,079	33	0	33
Japan	-	-	52	-	-	3	-	3,150	3,150	-	9	9
Korea, South	148	-	-	-	-	131	-	17,874	17,874	-	54	54
Malaysia	-	-	2	-	-	-	-	2	184	1	0	1
Mexico	-	-	-	-	-	-	-	9,108	9,108	-	27	27
Netherlands	-	-	-	-	-	-	-	912	912	-	3	3
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	1,331	2,234	3	4	7
Singapore	-	-	-	-	-	-	-	4,684	4,684	-	14	14
Sweden	-	-	-	-	-	-	-	38	38	-	0	0
Taiwan	267	-	-	-	-	-	-	1,163	1,163	-	3	3
United Kingdom	-	-	-	-	-	-	-	3,721	3,982	1	11	12
Vietnam	-	-	-	-	-	-	-	-	3,320	10	-	10
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	10	0	79	0	-	20,514	32,312	33	64	97
Total	415	-	375	347	1,021	218	-	85,349	464,761	1,136	256	1,392
Persian Gulf ³	-	-	-	-	-	38	-	146	142,164	425	0	426

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 49. Exports of Crude Oil and Petroleum Products by PAD District, November 2015
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1,250	860	7,291	195	0	9,596	320
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	1,137	8,084	21,304	237	982	31,743	1,058
Pentanes Plus	16	5,774	49	165	18	6,020	201
Liquefied Petroleum Gases	1,122	2,310	21,255	72	964	25,723	857
Ethane/Ethylene	—	1,976	—	—	—	1,976	66
Propane/Propylene	1,072	82	18,255	11	849	20,268	676
Normal Butane/Butylene	49	252	2,790	62	115	3,268	109
Isobutane/Isobutylene	1	—	210	—	—	211	7
Other Liquids	1,725	754	13,515	8	558	16,560	552
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	366	547	2,731	—	42	3,686	123
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	1	0	2,158	—	1	2,160	72
Methyl Tertiary Butyl Ether (MTBE)	0	0	1,205	—	0	1,205	40
Other Oxygenates	1	0	953	—	1	955	32
Renewable Fuels (including Fuel Ethanol) ...	365	547	573	—	42	1,526	51
Fuel Ethanol	364	537	533	—	16	1,450	48
Biomass-Based Diesel	0	10	39	—	26	76	3
Other Renewable Diesel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils	1,352	185	5,880	0	197	7,613	254
Naphthas and Lighter	1,035	182	3,751	0	196	5,163	172
Kerosene and Light Gas Oils	317	3	2,129	0	1	2,450	82
Heavy Gas Oils	—	—	—	—	—	—	—
Residuum	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	7	22	4,905	8	319	5,262	175
Reformulated	1	0	1	—	1	2	0
Conventional	6	22	4,904	8	319	5,259	175
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	2,433	3,769	69,514	38	10,871	86,625	2,887
Finished Motor Gasoline	384	337	16,437	—	918	18,076	603
Reformulated	—	—	—	—	—	—	—
Conventional	384	337	16,437	—	918	18,076	603
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	13	1,336	3,755	—	520	5,624	187
Kerosene	0	811	48	—	3	863	29
Distillate Fuel Oil	597	238	30,615	0	4,540	35,990	1,200
15 ppm sulfur and under ²	597	1	27,572	0	3,196	31,367	1,046
Greater than 15 ppm to 500 ppm sulfur ²	—	203	2,085	—	832	3,119	104
Greater than 500 ppm sulfur	—	34	958	—	512	1,504	50
Residual Fuel Oil	365	210	4,578	20	1,140	6,314	210
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	—	—	—
Lubricants	156	137	1,307	13	313	1,926	64
Waxes	50	26	20	0	4	101	3
Petroleum Coke	802	591	12,388	1	3,397	17,178	573
Asphalt and Road Oil	52	83	353	3	35	525	17
Miscellaneous Products	13	0	14	—	1	28	1
Total	6,545	13,466	111,624	479	12,411	144,525	4,817

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-November 2015
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	27,185	27,941	94,471	2,584	2,909	155,090	464
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	15,055	85,046	205,353	2,495	11,979	319,928	958
Pentanes Plus	676	57,664	411	1,771	711	61,233	183
Liquefied Petroleum Gases	14,379	27,382	204,942	724	11,268	258,695	775
Ethane/Ethylene	—	21,670	—	—	—	21,670	65
Propane/Propylene	12,546	1,481	180,219	170	6,969	201,385	603
Normal Butane/Butylene	1,810	4,146	22,493	528	4,288	33,265	100
Isobutane/Isobutylene	23	85	2,229	26	11	2,375	7
Other Liquids	6,906	9,575	149,086	296	4,703	170,567	511
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	1,236	6,114	32,159	246	704	40,459	121
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	16	3	20,311	0	16	20,346	61
Methyl Tertiary Butyl Ether (MTBE)	1	0	12,497	—	0	12,499	37
Other Oxygenates	15	2	7,814	0	16	7,848	23
Renewable Fuels (including Fuel Ethanol) ...	1,220	6,111	11,847	246	688	20,113	60
Fuel Ethanol	1,209	5,073	11,559	19	294	18,154	54
Biomass-Based Diesel	12	1,038	289	227	394	1,959	6
Other Renewable Diesel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils	3,509	865	79,865	25	1,143	85,407	256
Naphthas and Lighter	2,510	805	55,732	24	1,129	60,199	180
Kerosene and Light Gas Oils	999	60	24,133	1	14	25,207	75
Heavy Gas Oils	—	—	—	—	—	—	—
Residuum	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	2,161	2,596	37,062	25	2,856	44,701	134
Reformulated	13	1	284	—	1	299	1
Conventional	2,149	2,595	36,778	25	2,855	44,402	133
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	33,760	23,398	753,549	371	113,582	924,659	2,768
Finished Motor Gasoline	996	2,029	142,364	8	10,610	156,007	467
Reformulated	—	—	—	—	—	—	—
Conventional	996	2,029	142,364	8	10,610	156,007	467
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	197	7,639	41,125	0	7,739	56,701	170
Kerosene	164	1,588	2,360	—	189	4,299	13
Distillate Fuel Oil	14,345	1,365	339,671	0	36,410	391,792	1,173
15 ppm sulfur and under ²	5,958	162	293,223	0	26,123	325,466	974
Greater than 15 ppm to 500 ppm sulfur ²	7,160	922	20,701	—	5,230	34,012	102
Greater than 500 ppm sulfur	1,227	281	25,748	—	5,057	32,313	97
Residual Fuel Oil	9,205	3,728	78,556	140	16,354	107,984	323
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	—	—	—
Lubricants	1,880	1,722	17,809	126	2,916	24,453	73
Waxes	794	267	210	4	61	1,336	4
Petroleum Coke	4,650	3,696	128,512	7	38,582	175,446	525
Asphalt and Road Oil	1,334	1,363	2,679	86	709	6,170	18
Miscellaneous Products	196	2	262	0	11	471	1
Total	82,907	145,960	1,202,459	5,746	133,172	1,570,245	4,701

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2015
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	5	—	0	—	166	166	—	—	—
Australia	—	2	—	—	—	0	0	1	—	1
Bahamas	—	0	25	—	—	230	230	—	0	0
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	1	146	—	—	—	—	—	0	0
Belize	—	—	—	—	—	67	67	—	—	—
Brazil	—	1	1,568	852	—	—	—	—	—	—
Canada	8,038	5,969	2,490	1,233	—	445	445	0	797	797
Cayman Islands	—	—	423	—	—	37	37	—	0	0
Chile	—	0	—	168	—	280	280	0	—	0
China	—	—	4,332	273	—	1	1	—	—	—
Colombia	—	2	—	1,261	—	326	326	0	948	948
Costa Rica	—	—	44	0	—	352	352	—	370	370
Denmark	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	0	1,324	2	—	596	596	—	0	0
Ecuador	—	0	506	128	—	1,032	1,032	—	383	383
Egypt	—	—	134	—	—	—	—	—	—	—
El Salvador	—	0	—	0	—	349	349	—	—	—
Finland	—	—	—	0	—	—	—	—	—	—
France	—	9	—	1	—	0	0	—	—	—
Germany	—	0	—	1	—	—	—	—	0	0
Ghana	—	—	221	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	1	—	4	—	1,356	1,356	—	—	—
Honduras	—	—	387	1	—	300	300	—	—	—
Hong Kong	—	0	—	0	—	—	—	—	—	—
India	—	0	—	28	—	0	0	—	—	—
Indonesia	—	—	—	0	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—
Israel	—	—	—	1	—	339	339	—	—	—
Italy	600	—	—	361	—	—	—	—	0	0
Jamaica	—	1	11	—	—	—	—	—	—	—
Japan	—	0	3,689	1	—	1	1	0	0	1
Korea, South	—	0	1,229	21	—	1	1	—	—	—
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	14	2,473	66	—	8,604	8,604	1	2,699	2,700
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	610	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	—	12	1,572	1,386	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	0	—	0	0	—	—	—
Nicaragua	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	113	0	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	0	96	0	—	729	729	—	0	0
Peru	—	1	—	209	—	120	120	—	—	—
Philippines	—	—	—	0	—	265	265	—	57	57
Portugal	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	0	1	—	2	2	—	—	—
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	0	0	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	1,319	34	—	801	801	0	—	0
South Africa	—	—	—	0	—	—	—	—	—	—
Spain	523	—	915	—	—	939	939	—	—	—
Switzerland	435	—	—	769	—	—	—	—	—	—
Taiwan	—	—	—	321	—	0	0	—	—	—
Thailand	—	—	—	1	—	—	—	—	—	—
Trinidad and Tobago	—	0	1	—	—	0	0	—	0	0
Turkey	—	0	—	—	—	—	—	—	—	—
United Arab Emirates	—	0	—	1	—	—	—	—	—	—
United Kingdom	—	—	973	0	—	0	0	—	—	—
Venezuela	—	—	73	489	—	630	630	—	1	1
Other	—	2	1,049	—	—	108	108	—	4	4
Total	9,596	6,020	25,723	7,613	—	18,076	18,076	2	5,259	5,262

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2015
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil ²				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	0	—	—	—	—	1,580	—	—	—	1,580
Australia	—	—	0	—	—	—	0	—	—	—	0
Bahamas	—	0	0	—	—	—	456	29	351	—	836
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	0	—	0	0	—	—	855	—	279	—	1,134
Belize	—	0	—	—	—	—	—	—	—	—	—
Brazil	—	0	0	—	—	—	1,221	—	—	—	1,221
Canada	—	0	553	36	—	—	1,140	616	65	—	1,821
Cayman Islands	—	—	—	—	—	—	49	—	—	—	49
Chile	179	—	1	—	—	—	3,849	324	—	—	4,173
China	0	0	391	—	—	—	1	—	—	—	1
Colombia	—	—	0	—	—	—	3,475	—	—	—	3,475
Costa Rica	—	—	—	—	—	—	660	—	—	—	660
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	1	—	—	—	109	—	—	—	109
Ecuador	—	—	0	—	—	—	1,540	—	0	—	1,540
Egypt	—	—	—	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	98	133	—	—	232
Finland	—	—	—	—	—	—	—	—	—	—	—
France	7	0	—	—	—	—	2,030	—	—	—	2,030
Germany	—	0	0	—	—	—	0	—	—	—	0
Ghana	—	—	0	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	605	—	—	—	605
Greece	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	90	495	—	—	585
Honduras	—	—	—	—	—	—	0	231	—	—	231
Hong Kong	—	0	—	—	—	—	—	—	—	—	—
India	—	0	0	—	—	—	—	—	—	—	—
Indonesia	—	—	0	—	—	—	—	—	—	—	—
Ireland	—	—	0	0	—	—	—	—	—	—	—
Israel	—	0	0	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	0	—	—	—	0
Jamaica	—	—	38	—	—	—	50	109	—	—	160
Japan	—	952	0	—	—	—	0	—	—	—	0
Korea, South	—	0	84	—	—	—	—	—	—	—	—
Lebanon	—	—	—	—	—	—	—	—	—	—	—
Mexico	517	1	93	39	—	—	3,287	17	48	—	3,353
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	0	—	—	—	3,351	—	—	—	3,351
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	0	—	—	—	0
Nicaragua	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	325	—	—	—	325
Norway	—	—	27	—	—	—	206	—	—	—	206
Pakistan	—	—	—	—	—	—	—	—	—	—	—
Panama	—	—	—	—	—	—	1,311	285	—	—	1,597
Peru	—	0	78	—	—	—	1,680	—	—	—	1,680
Philippines	—	0	134	—	—	—	—	0	—	—	0
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	45	0	—	—	—	—	—	—	—
Romania	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	1	—	—	—	1
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	0	0	—	—	—	—	—	—	—	—
South Africa	—	0	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—
Switzerland	—	0	0	—	—	—	—	—	—	—	—
Taiwan	—	0	1	—	—	—	—	—	—	—	—
Thailand	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	160	—	—	—	160
Turkey	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	0	0	—	—	—	—	—	—	—
United Kingdom	—	0	0	—	—	—	1,548	357	—	—	1,905
Venezuela	502	—	—	—	—	—	303	—	280	—	583
Other	—	2	4	1	—	—	1,387	523	481	—	2,387
Total	1,205	955	1,450	76	—	—	31,367	3,119	1,504	—	35,990

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2015
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	105	—	—	—	—
Australia	—	—	—	—	—	—	—	—
Bahamas	—	—	—	66	—	60	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—
Belize	—	—	—	—	—	—	—	—
Brazil	0	—	—	—	—	—	—	—
Canada	814	—	—	2,015	—	613	—	—
Cayman Islands	—	—	—	—	—	—	—	—
Chile	—	—	—	195	—	—	—	—
China	0	—	—	—	—	—	—	—
Colombia	1	—	—	—	—	—	—	—
Costa Rica	0	—	—	195	—	—	—	—
Denmark	—	—	—	—	—	277	—	—
Dominican Republic	0	—	—	95	—	—	—	—
Ecuador	—	—	—	50	—	—	—	—
Egypt	—	—	—	—	—	—	—	—
El Salvador	0	—	—	30	—	151	—	—
Finland	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	—	—	—	19	—	10	—	—
Honduras	0	—	—	50	—	420	—	—
Hong Kong	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	—	—	—	—	—	224	—	—
Japan	—	—	—	—	—	0	—	—
Korea, South	0	—	—	—	—	0	—	—
Lebanon	—	—	—	—	—	416	—	—
Mexico	47	—	—	632	—	277	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	490	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	0	—	—	—	—	—	—	—
Nigeria	—	—	—	609	—	—	—	—
Norway	—	—	—	318	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	0	—	—	639	—	915	—	—
Peru	0	—	—	103	—	—	—	—
Philippines	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	—	—	—	—	—	671	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	0	—	—	—	—	1,466	—	—
South Africa	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	0	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—
Thailand	—	—	—	—	—	0	—	—
Trinidad and Tobago	0	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	0	—	—	0	—	—	—	—
United Kingdom	—	—	—	422	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—
Other	1	—	—	81	—	324	—	—
Total	863	—	—	5,624	—	6,314	—	—

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2015
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	0	—	0	11	2	1,871	1,871	—	62	62
Australia	0	99	0	7	1	110	110	—	4	4
Bahamas	—	—	1	3	—	1,222	1,222	—	41	41
Bahrain	—	—	—	0	—	0	0	—	0	0
Belgium	3	203	—	301	0	1,788	1,788	—	60	60
Belize	—	—	—	1	—	68	68	—	2	2
Brazil	0	1,065	0	190	0	4,899	4,899	—	163	163
Canada	70	1,054	141	211	3	18,265	26,303	268	609	877
Cayman Islands	—	—	0	2	—	512	512	—	17	17
Chile	0	0	153	80	0	5,231	5,231	—	174	174
China	2	1,631	1	63	0	6,696	6,696	—	223	223
Colombia	0	—	0	125	0	6,139	6,139	—	205	205
Costa Rica	0	—	—	14	—	1,636	1,636	—	55	55
Denmark	—	184	—	0	—	461	461	—	15	15
Dominican Republic	0	361	—	22	0	2,511	2,511	—	84	84
Ecuador	0	479	0	36	0	4,155	4,155	—	139	139
Egypt	—	272	—	1	—	407	407	—	14	14
El Salvador	0	—	—	6	—	767	767	—	26	26
Finland	—	—	—	1	—	1	1	—	0	0
France	0	383	0	61	0	2,491	2,491	—	83	83
Germany	1	0	1	5	1	10	10	—	0	0
Ghana	—	—	—	0	—	222	222	—	7	7
Gibraltar	—	—	—	—	—	605	605	—	20	20
Greece	—	571	—	0	—	572	572	—	19	19
Guatemala	0	149	—	16	—	2,139	2,139	—	71	71
Honduras	0	—	—	10	—	1,399	1,399	—	47	47
Hong Kong	0	—	—	3	0	3	3	—	0	0
India	0	3,064	1	11	0	3,104	3,104	—	103	103
Indonesia	0	—	1	0	—	2	2	—	0	0
Ireland	—	212	—	0	0	212	212	—	7	7
Israel	0	—	0	2	—	342	342	—	11	11
Italy	1	204	0	7	—	572	1,172	20	19	39
Jamaica	—	—	—	15	0	449	449	—	15	15
Japan	1	1,993	1	25	3	6,666	6,666	—	222	222
Korea, South	0	2	2	3	1	1,344	1,344	—	45	45
Lebanon	0	—	—	1	—	416	416	—	14	14
Mexico	10	1,283	180	428	12	20,728	20,728	—	691	691
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	430	—	—	—	1,040	1,040	—	35	35
Mozambique	—	119	—	—	—	119	119	—	4	4
Netherlands	1	324	0	30	1	7,167	7,167	—	239	239
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	55	0	1	—	56	56	—	2	2
Nicaragua	—	—	—	7	—	7	7	—	0	0
Nigeria	—	—	—	2	—	1,049	1,049	—	35	35
Norway	—	132	0	0	—	684	684	—	23	23
Pakistan	—	—	—	0	0	0	0	—	0	0
Panama	—	187	35	10	0	4,208	4,208	—	140	140
Peru	0	0	0	68	—	2,258	2,258	—	75	75
Philippines	0	—	—	1	0	458	458	—	15	15
Portugal	—	—	—	0	—	0	0	—	0	0
Puerto Rico	0	—	0	13	—	732	732	—	24	24
Romania	—	—	—	0	—	0	0	—	0	0
Saudi Arabia	0	89	—	10	0	100	100	—	3	3
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	0	0	40	—	3,661	3,661	—	122	122
South Africa	0	72	—	2	—	74	74	—	2	2
Spain	0	836	0	2	—	2,693	3,216	17	90	107
Switzerland	0	—	—	0	—	769	1,204	15	26	40
Taiwan	0	—	—	4	0	327	327	—	11	11
Thailand	8	0	1	2	0	12	12	—	0	0
Trinidad and Tobago	0	0	0	4	0	166	166	—	6	6
Turkey	0	1,128	—	9	—	1,137	1,137	—	38	38
United Arab Emirates	0	0	0	6	—	7	7	—	0	0
United Kingdom	0	—	0	1	0	3,303	3,303	—	110	110
Venezuela	—	—	0	2	—	2,280	2,280	—	76	76
Other	4	597	7	51	4	4,607	4,607	—	155	155
Total	101	17,178	525	1,926	28	134,929	144,525	320	4,498	4,817

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2015
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	5	1	203	—	910	910	—	0	0
Australia	—	8	20	1	—	303	303	1	0	1
Bahamas	—	1	286	297	—	1,410	1,410	0	867	867
Bahrain	—	—	—	0	—	3	3	—	—	—
Belgium	—	11	2,778	331	—	—	—	—	1	1
Belize	—	0	0	—	—	153	153	—	0	0
Brazil	650	27	16,175	7,250	—	464	464	—	859	859
Canada	143,002	60,615	29,368	3,466	—	4,528	4,528	2	12,269	12,271
Cayman Islands	—	0	633	—	—	166	166	—	0	0
Chile	—	0	6,457	1,376	—	3,758	3,758	0	320	320
China	420	35	36,610	4,643	—	59	59	—	152	152
Colombia	—	13	25	13,623	—	10,105	10,105	1	948	948
Costa Rica	—	1	1,253	4	—	5,380	5,380	—	1,180	1,180
Denmark	—	0	—	—	—	—	—	—	—	—
Dominican Republic	—	1	10,782	11	—	896	896	—	130	130
Ecuador	—	0	8,783	131	—	11,430	11,430	—	894	894
Egypt	—	0	1,055	0	—	2	2	—	0	0
El Salvador	—	0	0	2	—	3,120	3,120	0	0	0
Finland	—	—	—	0	—	0	0	—	—	—
France	625	107	1,727	1,963	—	1	1	198	0	199
Germany	—	0	—	18	—	6	6	—	0	0
Ghana	—	—	1,187	—	—	0	0	—	—	—
Gibraltar	—	—	578	—	—	—	—	—	—	—
Greece	—	—	578	0	—	0	0	—	0	0
Guatemala	—	8	2,563	12	—	9,406	9,406	—	213	213
Honduras	—	2	4,953	3	—	3,592	3,592	—	—	—
Hong Kong	—	0	0	1	—	—	—	—	—	—
India	309	3	0	82	—	0	0	0	0	0
Indonesia	—	0	—	25	—	3	3	—	—	—
Ireland	—	—	—	0	—	0	0	—	—	—
Israel	—	0	6	10	—	460	460	40	2	43
Italy	1,558	0	—	6,016	—	—	—	—	0	0
Jamaica	—	1	830	2	—	3	3	—	—	—
Japan	—	3	22,628	2,459	—	7	7	0	9	9
Korea, South	972	11	12,337	3,266	—	5	5	1	44	44
Lebanon	—	—	—	0	—	0	0	—	—	—
Mexico	—	154	28,163	4,808	—	75,626	75,626	45	24,257	24,301
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	0	2,985	19	—	1	1	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	2,165	200	15,292	11,055	—	150	150	—	53	53
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	6	0	—	0	0	—	0	0
Nicaragua	—	1	—	160	—	151	151	—	—	—
Nigeria	—	0	1,578	0	—	315	315	—	—	—
Norway	—	0	—	—	—	0	0	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	0	9,995	301	—	10,553	10,553	—	86	86
Peru	—	3	766	403	—	3,468	3,468	—	725	725
Philippines	—	0	—	2	—	275	275	—	57	57
Portugal	—	—	1,636	—	—	—	—	—	—	—
Puerto Rico	—	5	22	5	—	25	25	0	0	1
Romania	—	—	—	—	—	0	0	—	—	—
Saudi Arabia	—	0	0	24	—	2	2	0	—	0
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	1	8,381	1,130	—	1,324	1,324	0	0	1
South Africa	—	0	1,015	0	—	44	44	—	—	—
Spain	2,088	0	3,403	0	—	939	939	—	0	0
Switzerland	3,300	0	1,513	1,501	—	—	—	—	0	0
Taiwan	—	3	0	1,197	—	1	1	—	0	0
Thailand	—	0	0	6	—	—	—	0	0	0
Trinidad and Tobago	—	1	3	13	—	2	2	0	1	1
Turkey	—	1	2,711	0	—	0	0	—	1	1
United Arab Emirates	—	0	1	2	—	2	2	—	0	0
United Kingdom	—	0	7,054	653	—	6	6	0	0	0
Venezuela	—	1	1,198	13,425	—	2,196	2,196	1	1,162	1,162
Other	1	11	11,360	5,508	—	4,757	4,757	10	172	182
Total	155,090	61,233	258,695	85,407	—	156,007	156,007	299	44,402	44,701

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2015
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil ²				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	0	2	—	—	—	16,520	383	1,524	—	18,427
Australia	—	0	1	—	—	—	0	—	0	—	0
Bahamas	—	4	2	—	—	—	1,430	29	988	—	2,447
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	46	0	2	0	—	—	5,771	1,207	829	—	7,808
Belize	—	0	0	—	—	—	—	—	—	—	—
Brazil	0	0	2,618	—	—	—	13,354	1,071	2,006	—	16,431
Canada	—	3	5,429	1,754	—	—	1,404	8,252	598	—	10,254
Cayman Islands	—	—	0	0	—	—	450	—	46	—	496
Chile	1,887	0	20	—	—	—	32,119	1,507	—	—	33,626
China	0	1	1,427	—	—	—	6	0	—	—	6
Colombia	—	0	52	0	—	—	28,551	—	285	—	28,836
Costa Rica	59	0	1	0	—	—	6,409	—	585	—	6,994
Denmark	—	—	—	—	—	—	300	—	—	—	300
Dominican Republic	—	—	5	—	—	—	1,964	1,765	2,015	—	5,744
Ecuador	—	0	0	—	—	—	14,987	1,253	264	—	16,504
Egypt	0	—	3	—	—	—	410	132	—	—	541
El Salvador	—	—	0	—	—	—	868	801	1,044	—	2,713
Finland	—	0	0	—	—	—	—	—	—	—	—
France	163	2	0	—	—	—	26,742	548	598	—	27,888
Germany	—	0	3	—	—	—	2,010	—	—	—	2,010
Ghana	—	—	1	0	—	—	329	—	—	—	329
Gibraltar	—	—	—	—	—	—	14,053	717	1,223	—	15,994
Greece	—	—	—	—	—	—	0	—	—	—	0
Guatemala	—	—	1	—	—	—	3,705	1,885	843	—	6,433
Honduras	—	—	0	—	—	—	2,309	1,502	1,333	—	5,144
Hong Kong	—	1	1	—	—	—	1	—	—	—	1
India	0	1	1,117	0	—	—	0	0	—	—	0
Indonesia	0	0	0	—	—	—	—	—	—	—	—
Ireland	—	0	3	0	—	—	—	—	—	—	—
Israel	—	0	1	—	—	—	575	—	—	—	575
Italy	—	0	0	—	—	—	966	—	—	—	966
Jamaica	—	—	308	—	—	—	396	173	889	—	1,458
Japan	0	7,805	1	—	—	—	2	—	—	—	2
Korea, South	0	1	1,385	0	—	—	162	—	—	—	162
Lebanon	—	—	1	—	—	—	275	247	276	—	798
Mexico	6,327	16	744	193	—	—	47,345	408	65	—	47,817
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	2,763	—	—	—	2,763
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	600	—	—	—	27,379	4,972	5,231	—	37,582
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	0	—	—	—	0	—	—	—	0
Nicaragua	—	—	1	0	—	—	187	190	—	—	377
Nigeria	—	0	161	—	—	—	325	—	—	—	325
Norway	—	0	27	—	—	—	1,157	—	—	—	1,157
Pakistan	—	0	0	—	—	—	—	—	—	—	—
Panama	—	0	4	0	—	—	12,628	2,234	2,102	—	16,964
Peru	—	0	559	9	—	—	17,616	25	275	—	17,916
Philippines	—	0	1,494	—	—	—	88	0	—	—	89
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	0	3	188	0	—	—	0	—	0	—	0
Romania	—	—	—	—	—	—	319	—	—	—	319
Saudi Arabia	0	0	6	—	—	—	1	—	—	—	1
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	7	178	—	—	—	610	294	2,315	—	3,219
South Africa	—	0	0	0	—	—	3	—	—	—	3
Spain	—	0	0	—	—	—	2,166	—	72	—	2,238
Switzerland	—	0	82	—	—	—	3,109	—	300	—	3,408
Taiwan	0	0	11	—	—	—	0	—	0	—	1
Thailand	—	0	—	—	—	—	1	—	—	—	1
Trinidad and Tobago	—	0	0	0	—	—	160	—	—	—	160
Turkey	—	0	2	—	—	—	2,603	—	—	—	2,603
United Arab Emirates	—	0	617	0	—	—	0	—	—	—	0
United Kingdom	—	1	3	3	—	—	17,765	1,086	187	—	19,038
Venezuela	3,956	0	0	—	—	—	2,225	—	1,181	—	3,406
Other	61	3	1,093	—	—	—	10,948	3,331	5,239	—	19,518
Total	12,499	7,848	18,154	1,959	—	—	325,466	34,012	32,313	—	391,792

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2015
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	0	—	—	758	—	0	—	—
Australia	—	—	—	—	—	0	—	—
Bahamas	1	—	—	489	—	4,133	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	1	—	—	640	—	0	—	—
Belize	—	—	—	—	—	—	—	—
Brazil	0	—	—	982	—	1,080	—	—
Canada	3,205	—	—	17,005	—	12,590	—	—
Cayman Islands	—	—	—	39	—	0	—	—
Chile	1	—	—	1,405	—	33	—	—
China	2	—	—	1	—	2	—	—
Colombia	3	—	—	2,239	—	410	—	—
Costa Rica	0	—	—	1,255	—	398	—	—
Denmark	—	—	—	525	—	794	—	—
Dominican Republic	1	—	—	640	—	1,790	—	—
Ecuador	2	—	—	206	—	1,807	—	—
Egypt	0	—	—	—	—	5,848	—	—
El Salvador	0	—	—	192	—	830	—	—
Finland	21	—	—	584	—	0	—	—
France	0	—	—	—	—	388	—	—
Germany	0	—	—	0	—	10	—	—
Ghana	1	—	—	—	—	0	—	—
Gibraltar	—	—	—	173	—	2,197	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	0	—	—	345	—	2,283	—	—
Honduras	1	—	—	541	—	3,712	—	—
Hong Kong	1	—	—	0	—	0	—	—
India	0	—	—	—	—	230	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	1	—	—	1,595	—	—	—	—
Italy	—	—	—	—	—	0	—	—
Jamaica	0	—	—	81	—	2,758	—	—
Japan	1	—	—	1	—	0	—	—
Korea, South	1	—	—	—	—	0	—	—
Lebanon	0	—	—	—	—	3,709	—	—
Mexico	58	—	—	7,553	—	8,196	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	665	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	4	—	—	1,230	—	8,263	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	0	—	—	0	—	0	—	—
Nigeria	972	—	—	5,233	—	0	—	—
Norway	—	—	—	801	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	6	—	—	5,250	—	11,075	—	—
Peru	1	—	—	1,050	—	0	—	—
Philippines	—	—	—	—	—	0	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	—	—	—	—	671	—	—
Romania	—	—	—	—	—	0	—	—
Saudi Arabia	0	—	—	—	—	0	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	2	—	—	0	—	26,314	—	—
South Africa	—	—	—	30	—	0	—	—
Spain	—	—	—	22	—	0	—	—
Switzerland	—	—	—	300	—	269	—	—
Taiwan	—	—	—	—	—	1	—	—
Thailand	—	—	—	—	—	1	—	—
Trinidad and Tobago	0	—	—	35	—	0	—	—
Turkey	1	—	—	—	—	0	—	—
United Arab Emirates	2	—	—	0	—	—	—	—
United Kingdom	—	—	—	1,956	—	817	—	—
Venezuela	3	—	—	—	—	1,950	—	—
Other	7	—	—	3,545	—	4,760	—	—
Total	4,299	—	—	56,701	—	107,984	—	—

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2015
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	3	2	3	484	2	20,800	20,800	—	62	62
Australia	3	2,175	57	212	4	2,786	2,786	—	8	8
Bahamas	—	—	16	27	—	9,979	9,979	—	30	30
Bahrain	0	—	—	6	—	9	9	—	0	0
Belgium	13	2,155	2	2,464	0	16,251	16,251	—	49	49
Belize	—	—	—	13	—	166	166	—	0	0
Brazil	5	10,933	2	2,662	5	59,494	60,144	2	178	180
Canada	985	8,763	2,342	2,540	69	175,184	318,186	428	525	953
Cayman Islands	—	—	2	21	—	1,358	1,358	—	4	4
Chile	5	275	503	900	0	50,568	50,568	—	151	151
China	32	17,484	29	558	7	61,050	61,471	1	183	184
Colombia	2	3	2	1,110	4	57,375	57,375	—	172	172
Costa Rica	0	519	229	240	1	17,513	17,513	—	52	52
Denmark	1	563	0	1	—	2,184	2,184	—	7	7
Dominican Republic	1	1,642	277	244	1	22,166	22,166	—	66	66
Ecuador	1	1,386	2	437	0	41,585	41,585	—	125	125
Egypt	2	1,343	0	37	3	8,835	8,835	—	26	26
El Salvador	0	248	—	250	—	7,356	7,356	—	22	22
Finland	—	276	0	10	—	892	892	—	3	3
France	15	1,792	0	690	0	34,936	35,561	2	105	106
Germany	12	793	10	397	8	3,267	3,267	—	10	10
Ghana	—	—	0	2	—	1,520	1,520	—	5	5
Gibraltar	—	—	—	—	—	18,941	18,941	—	57	57
Greece	0	4,069	—	4	—	4,651	4,651	—	14	14
Guatemala	1	1,104	35	227	—	22,630	22,630	—	68	68
Honduras	0	997	33	117	—	19,095	19,095	—	57	57
Hong Kong	4	—	0	18	2	29	29	—	0	0
India	22	23,864	10	1,001	2	26,331	26,641	1	79	80
Indonesia	2	1	11	19	1	61	61	—	0	0
Ireland	0	1,021	—	1	0	1,026	1,026	—	3	3
Israel	1	1,213	0	40	0	3,945	3,945	—	12	12
Italy	6	6,885	1	98	1	13,974	15,532	5	42	47
Jamaica	0	—	1	180	1	5,624	5,624	—	17	17
Japan	12	20,438	7	206	36	53,616	53,616	—	161	161
Korea, South	4	3,000	18	55	6	20,294	21,267	3	61	64
Lebanon	1	1,333	—	44	—	5,886	5,886	—	18	18
Mexico	159	14,770	1,627	3,804	254	224,569	224,569	—	672	672
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	5,023	—	5	—	11,460	11,460	—	34	34
Mozambique	—	695	—	0	—	695	695	—	2	2
Netherlands	11	2,306	11	279	30	77,066	79,232	6	231	237
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	545	5	14	—	571	571	—	2	2
Nicaragua	0	242	—	60	—	992	992	—	3	3
Nigeria	0	121	1	288	—	8,995	8,995	—	27	27
Norway	1	1,029	12	4	0	3,031	3,031	—	9	9
Pakistan	0	0	1	3	0	5	5	—	0	0
Panama	0	928	251	225	1	55,639	55,639	—	167	167
Peru	1	214	2	854	1	25,972	25,972	—	78	78
Philippines	1	0	1	22	1	1,941	1,941	—	6	6
Portugal	0	1,242	—	1	—	2,879	2,879	—	9	9
Puerto Rico	0	266	2	137	0	1,326	1,326	—	4	4
Romania	—	1,031	—	2	—	1,352	1,352	—	4	4
Saudi Arabia	1	751	—	90	0	877	877	—	3	3
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	1	1	145	646	0	41,350	41,350	—	124	124
South Africa	1	476	2	588	2	2,162	2,162	—	6	6
Spain	3	9,328	44	23	0	16,001	18,089	6	48	54
Switzerland	0	0	—	19	0	7,092	10,392	10	21	31
Taiwan	3	0	6	46	2	1,272	1,272	—	4	4
Thailand	9	395	12	49	3	476	476	—	1	1
Trinidad and Tobago	0	1	2	215	0	432	432	—	1	1
Turkey	0	14,504	1	52	—	19,876	19,876	—	60	60
United Arab Emirates	1	262	3	276	0	1,166	1,166	—	3	3
United Kingdom	3	1,004	7	125	1	30,671	30,671	—	92	92
Venezuela	0	367	1	728	—	28,395	28,395	—	85	85
Other	8	5,668	442	583	23	57,514	57,512	—	169	170
Total	1,336	175,446	6,170	24,453	471	1,415,154	1,570,245	464	4,237	4,701

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2015
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	2,899	11	-23	135	-	-55	-55	1	39	41
Algeria	-	11	-	106	-	-	-	-	-	-
Angola	191	-	-	40	-	-	-	-	-	-
Ecuador	191	0	-17	-4	-	-34	-34	-	-13	-13
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	269	-	-	-	-	0	0	-	-	-
Kuwait	140	0	-	-	-	-	-	-	-	-
Libya	6	-	-	-	-	-	-	-	-	-
Nigeria	72	-	-4	0	-	0	0	1	32	33
Qatar	-	-	-	0	-	0	0	-	-	-
Saudi Arabia	1,232	-	0	0	-	-	-	-	-	-
United Arab Emirates	-	0	-	9	-	-	-	-	-	-
Venezuela	799	-	-2	-16	-	-21	-21	0	20	20
Non-OPEC	4,151	-190	-693	133	-	-478	-478	97	53	150
Argentina	-	0	-	0	-	-6	-6	-	-	-
Aruba	-	-	-28	-	-	-	-	-	-	-
Australia	36	0	-	-	-	0	0	0	-	0
Bahamas	-	0	-1	-	-	-1	-1	-	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	0	-5	56	-	-	-	-	6	6
Brazil	68	0	-52	-28	-	12	12	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	0	-	-	-	-	-	-	-	-
Canada	2,905	-199	56	-34	-	19	19	33	22	55
Chad	63	0	-	-	-	-	-	-	-	-
China	-	-	-144	-9	-	0	0	-	-	-
Colombia	371	0	-	-42	-	-11	-11	0	-32	-32
Denmark	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	0	-44	0	-	-20	-20	-	0	0
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	0	-	-	-	0	-	0
France	-	0	-	27	-	0	0	9	-	9
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	0	-	0	-	-	-	-	0	0
Guatemala	9	0	-	0	-	-45	-45	-	-	-
Honduras	-	-	-13	0	-	-10	-10	-	-	-
India	-	0	-	-1	-	0	0	-	-	-
Indonesia	44	-	-	0	-	-	-	-	-	-
Italy	-20	-	-	-5	-	-	-	0	0	0
Japan	-	0	-123	0	-	0	0	0	0	0
Korea, South	-	0	-41	-1	-	0	0	5	5	10
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	3	3	-	-	-
Malaysia	-	-	-	0	-	-	-	-	0	0
Mexico	632	0	-82	-2	-	-286	-286	0	-89	-89
Netherlands	-	0	-52	-39	-	-	-	-	14	14
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	16	-	11	11	10	-	10
Oman	-	-	-	0	-	-	-	-	-	-
Panama	-	0	-3	0	-	-24	-24	-	0	0
Portugal	-	-	-	-	-	-	-	7	19	27
Puerto Rico	-	0	0	0	-	0	0	-	-	-
Russia	20	-	0	226	-	1	1	-	23	23
Spain	-17	-	-30	-	-	-31	-31	1	54	54
Sweden	-	-	-	-	-	0	0	-	-	-
Trinidad and Tobago	12	0	0	-	-	0	0	-	0	0
United Kingdom	18	-	-32	11	-	0	0	32	22	54
Vietnam	16	-	-	-	-	0	0	-	-	-
Virgin Islands, U.S.	-	0	0	-	-	0	0	-	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-6	9	-99	-42	-	-90	-90	0	9	9
Total	7,051	-179	-716	268	-	-533	-533	98	92	191
Persian Gulf³	1,640	0	0	9	-	0	0	-	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil ²				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-17	—	0	0	—	—	-72	—	-9	—	-82
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	0	—	—	—	-51	—	0	—	-51
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	-11	—	—	—	-11
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	0	—	—	—	0
United Arab Emirates	—	—	0	0	—	—	—	—	—	—	—
Venezuela	-17	—	—	—	—	—	-10	—	-9	—	-19
Non-OPEC	-22	-32	-32	21	16	—	-889	-92	13	0	-968
Argentina	—	0	—	18	—	—	-53	—	—	—	-53
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	0	—	—	—	0	—	—	—	0
Bahamas	—	0	0	—	—	—	-15	-1	-12	—	-28
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	0	—	0	0	—	—	-28	—	-9	—	-38
Brazil	1	0	16	—	—	—	-41	—	—	—	-41
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	0	-18	3	—	—	13	-19	41	0	35
Chad	—	—	—	—	—	—	—	—	—	—	—
China	0	0	-13	—	—	—	0	—	—	—	0
Colombia	—	—	0	—	—	—	-116	—	—	—	-116
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	0	—	—	—	-4	—	—	—	-4
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	0	0	—	—	—	—	-68	—	—	—	-68
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	0	0	—	—	—	2	—	7	—	9
Guatemala	—	—	—	—	—	—	-3	-16	—	—	-19
Honduras	—	—	—	—	—	—	0	-8	—	—	-8
India	—	0	0	—	—	—	—	—	—	—	—
Indonesia	—	—	0	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	0	—	—	—	0
Japan	—	-32	0	—	—	—	0	—	—	—	0
Korea, South	—	0	-3	1	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	0	—	-16	—	-16
Mexico	-17	0	-3	-1	—	—	-110	-1	-2	—	-112
Netherlands	—	0	0	—	—	—	-111	—	2	—	-108
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	-1	—	—	—	-7	—	—	—	-7
Oman	—	—	—	—	—	—	0	—	—	—	0
Panama	—	—	—	—	—	—	-44	-10	—	—	-53
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	-1	0	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	31	11	—	—	41
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	-3	—	—	—	-3
Trinidad and Tobago	—	—	—	—	—	—	-5	—	—	—	-5
United Kingdom	—	0	0	—	—	—	-51	-12	1	—	-62
Vietnam	—	—	—	—	—	—	0	—	—	—	0
Virgin Islands, U.S.	—	—	0	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	-6	0	-9	0	16	—	-276	-36	1	0	-312
Total	-39	-32	-32	21	16	—	-961	-92	4	0	-1,049
Persian Gulf³	—	—	0	0	—	—	0	—	—	—	0

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	0	-	-	-4	-	8	7	-
Algeria	-	-	-	7	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-2	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	0	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-20	-	8	-	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	4	-
United Arab Emirates	0	-	-	0	-	-	-	-
Venezuela	-	-	-	11	-	-	3	-
Non-OPEC	-18	0	-	-82	19	-20	26	2
Argentina	-	-	-	-4	-	-	-	-
Aruba	0	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-2	-	-2	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-
Brazil	0	-	-	-	1	0	-	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-27	0	-	-65	6	10	3	2
Chad	-	-	-	-	-	-	-	-
China	9	-	-	11	-	-	-	-
Colombia	0	-	-	-	-	31	-	-
Denmark	-	-	-	-	-	3	-	-
Dominican Republic	0	-	-	-3	-	-	-	-
Equatorial Guinea	-	-	-	-	-	0	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	1
Gabon	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-1	-	0	-	-
Honduras	0	-	-	-2	-	-14	-	-
India	-	-	-	10	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-
Japan	2	-	-	11	5	0	2	-
Korea, South	0	-	-	49	5	0	3	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-
Mexico	-2	-	-	-21	-	62	17	-
Netherlands	-	-	-	-	-	-2	0	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-11	-	-	-	-
Oman	-	-	-	-	-	-	-	-
Panama	0	-	-	-21	-	-30	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-22	-	-
Russia	-	-	-	-	-	9	-	-
Spain	-	-	-	-	-	0	-	-
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	0	-	-	-	-	11	-	-
United Kingdom	-	-	-	-14	-	4	0	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	0	-	-
Yemen	-	-	-	-	-	-	-	-
Other	0	0	-	-19	2	-80	1	-1
Total	-18	0	-	-86	19	-12	33	2
Persian Gulf³	0	-	-	0	-	-	4	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-22	8	6	0	13	2,912
Algeria	—	—	—	0	—	124	124
Angola	—	—	0	—	—	40	231
Ecuador	0	-16	0	-1	0	-139	52
Iran	—	—	—	—	—	—	—
Iraq	—	—	—	0	—	0	269
Kuwait	—	—	—	0	—	0	140
Libya	—	—	—	—	—	—	6
Nigeria	—	—	—	0	—	6	79
Qatar	—	-4	—	8	—	4	4
Saudi Arabia	0	-3	—	0	0	1	1,232
United Arab Emirates	0	0	0	0	—	9	9
Venezuela	—	1	8	0	—	-32	767
Non-OPEC	0	-545	-2	-43	-1	-2,755	1,396
Argentina	0	—	0	0	0	-44	-44
Aruba	—	—	—	0	—	-28	-28
Australia	0	-3	0	0	0	-4	33
Bahamas	—	—	0	0	—	-34	-34
Bahrain	—	—	—	0	—	0	0
Belgium	0	-7	—	-10	0	3	3
Brazil	0	-36	0	-6	0	-133	-64
Brunei	—	—	—	0	—	0	0
Cameroon	—	—	0	0	—	0	0
Canada	-2	-34	10	4	0	-173	2,732
Chad	—	—	—	—	—	0	63
China	2	-54	0	-2	0	-202	-202
Colombia	0	—	0	-4	0	-174	197
Denmark	—	-6	—	0	—	-3	-3
Dominican Republic	0	-12	—	-1	0	-84	-84
Equatorial Guinea	—	—	—	0	—	0	0
Estonia	—	—	—	—	—	—	—
Finland	—	—	—	0	—	0	0
France	0	-13	0	-2	0	-46	-46
Gabon	—	—	—	—	—	—	—
Germany	0	0	0	0	0	9	9
Guatemala	0	-5	—	-1	—	-71	-62
Honduras	0	—	—	0	—	-47	-47
India	0	-102	0	0	0	-93	-93
Indonesia	0	—	0	0	—	0	44
Italy	0	-7	0	0	—	-12	-32
Japan	1	-66	0	-1	0	-202	-202
Korea, South	0	0	0	6	0	30	30
Latvia	—	—	—	0	—	0	0
Lithuania	—	—	—	0	0	3	3
Malaysia	0	—	0	0	—	-16	-16
Mexico	0	-43	-6	-14	0	-601	30
Netherlands	0	-11	0	-1	0	-200	-200
Netherlands Antilles	—	—	—	—	—	—	—
Norway	—	-4	0	0	—	14	14
Oman	—	-2	—	0	—	-2	-2
Panama	—	-6	-1	0	0	-140	-140
Portugal	—	—	—	0	—	27	27
Puerto Rico	0	—	0	0	—	-24	-24
Russia	—	—	—	0	—	300	320
Spain	0	-28	0	0	—	-35	-53
Sweden	0	—	—	0	0	-3	-3
Trinidad and Tobago	0	0	0	0	0	6	18
United Kingdom	0	3	0	0	0	-36	-18
Vietnam	0	—	0	0	0	0	16
Virgin Islands, U.S.	—	—	0	0	—	0	0
Yemen	—	—	—	0	—	0	0
Other	-1	-109	-5	-11	-1	-740	-746
Total	0	-567	6	-38	-1	-2,743	4,308
Persian Gulf³	0	-7	0	7	0	14	1,654

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-November 2015
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	2,642	2	-35	82	-	-39	-39	1	37	37
Algeria	3	2	-	101	-	-	-	-	-	-
Angola	121	0	-	11	-	-	-	-	-	-
Ecuador	228	0	-26	4	-	-34	-34	-	-2	-2
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	209	-	-	0	-	0	0	-	-	-
Kuwait	207	0	-	0	-	0	0	-	0	0
Libya	3	-	-	3	-	-	-	-	-	-
Nigeria	51	0	-5	0	-	1	1	0	23	23
Qatar	-	-	0	0	-	0	0	-	0	0
Saudi Arabia	1,045	0	0	0	-	0	0	0	-	0
United Arab Emirates	2	0	0	1	-	0	0	-	0	0
Venezuela	773	0	-4	-37	-	-6	-6	1	16	16
Non-OPEC	4,193	-175	-610	213	-	-358	-358	166	264	430
Argentina	15	0	0	-1	-	-3	-3	-	1	1
Aruba	-	-	-25	-16	-	-1	-1	0	0	0
Australia	11	0	0	0	-	-1	-1	0	0	0
Bahamas	-	0	-1	0	-	0	0	0	-3	-3
Bahrain	-	-	-	0	-	0	0	-	-	-
Belgium	-	0	-8	52	-	3	3	3	18	21
Brazil	187	0	-48	-19	-	1	1	-	2	2
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	0	-	1	-	0	0	-	-	-
Canada	2,718	-181	36	-1	-	19	19	77	35	112
Chad	76	0	-	0	-	-	-	-	-	-
China	-1	0	-110	-14	-	0	0	-	0	0
Colombia	374	0	0	-41	-	-30	-30	0	-3	-3
Denmark	-	0	-	-	-	-	-	-	-	-
Dominican Republic	-	0	-32	0	-	-3	-3	-	0	0
Equatorial Guinea	6	0	-	1	-	-	-	-	0	0
Estonia	-	-	-	2	-	-	-	-	-	-
Finland	-	-	-	0	-	0	0	2	8	10
France	-2	0	-5	2	-	0	0	12	8	21
Gabon	6	-	-	2	-	-	-	-	-	-
Germany	-	0	-	1	-	0	0	1	1	2
Guatemala	8	0	-8	0	-	-28	-28	-	-1	-1
Honduras	-	0	-15	0	-	-11	-11	-	-	-
India	1	0	0	16	-	2	2	1	51	52
Indonesia	33	0	-	0	-	0	0	-	-	-
Italy	-3	0	-	-15	-	1	1	1	5	6
Japan	-	0	-68	-7	-	0	0	0	3	3
Korea, South	-3	0	-37	-9	-	0	0	1	5	7
Latvia	-	-	-	0	-	-	-	-	-	-
Lithuania	-	-	-	-	-	1	1	-	-	-
Malaysia	1	0	0	0	-	-	-	-	0	0
Mexico	686	0	-83	-14	-	-225	-225	0	-71	-71
Netherlands	-6	-1	-46	-12	-	1	1	6	17	24
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	10	0	1	15	-	1	1	4	28	32
Oman	-	-	-	0	-	-	-	-	0	0
Panama	-	0	-30	-1	-	-32	-32	-	0	0
Portugal	-	-	-5	-	-	1	1	4	19	23
Puerto Rico	-	0	0	0	-	0	0	0	0	0
Russia	27	1	0	254	-	2	2	3	31	34
Spain	-6	0	-10	4	-	2	2	1	51	51
Sweden	-	-	-1	1	-	1	1	0	2	2
Trinidad and Tobago	8	0	0	1	-	1	1	0	4	4
United Kingdom	12	0	-21	5	-	6	6	48	45	93
Vietnam	10	0	-	-1	-	-2	-2	-	-	-
Virgin Islands, U.S.	-	0	0	-	-	0	0	0	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	25	6	-94	7	-	-64	-64	2	8	8
Total	6,835	-172	-645	295	-	-397	-397	167	301	468
Persian Gulf³	1,463	0	0	1	-	0	0	0	0	0

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-November 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil ²				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-11	0	-2	0	-	-	-48	-4	-5	-	-58
Algeria	-	0	-	-	-	-	-	-1	-1	-	-2
Angola	-	-	-	0	-	-	-	-	-	-	-
Ecuador	-	0	0	-	-	-	-45	-4	-1	-	-49
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	0	-	-	-	-	-	0	-	0
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	0	0	-	-	-	-1	-	-	-	-1
Qatar	0	-	0	-	-	-	1	-	-	-	1
Saudi Arabia	0	0	0	-	-	-	4	-	-	-	4
United Arab Emirates	0	0	-2	0	-	-	0	-	-	-	0
Venezuela	-12	0	0	-	-	-	-7	-	-4	-	-10
Non-OPEC	-22	-23	-46	15	13	-	-786	-84	-42	0	-911
Argentina	0	0	0	10	-	-	-49	-1	-5	-	-55
Aruba	-	-	-	-	-	-	-1	-	-	-	-1
Australia	-	0	0	-	-	-	0	-	0	-	0
Bahamas	-	0	0	-	-	-	-4	0	-3	-	-7
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	0	0	0	-	-	-17	-4	-2	-	-22
Brazil	1	0	-2	-	-	-	-40	-3	-6	-	-49
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	0	-	-	-	-	0	-	0
Canada	-	0	-16	-1	-	-	109	-23	33	0	118
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	-4	-	-	-	0	0	-	-	0
Colombia	-	0	0	0	-	-	-85	-	0	-	-86
Denmark	-	-	-	-	-	-	-1	-	-	-	-1
Dominican Republic	-	-	0	-	-	-	-6	-5	-6	-	-17
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	0	0	-	-	-	-	-	0	-	0
France	0	0	0	-	-	-	-80	-2	-2	-	-83
Gabon	-	-	-	-	-	-	0	-	-	-	0
Germany	0	0	0	0	-	-	-6	-	3	-	-3
Guatemala	-	-	0	-	-	-	-11	-6	-3	-	-19
Honduras	-	-	0	-	-	-	-7	-4	-4	-	-15
India	0	0	-3	0	-	-	4	0	-	-	4
Indonesia	0	0	0	5	-	-	-	-	-	-	-
Italy	-	0	0	-	-	-	-3	-	-	-	-3
Japan	0	-23	0	-	-	-	1	-	-	-	1
Korea, South	0	0	-4	1	-	-	1	-	-	-	1
Latvia	-	-	-	-	-	-	0	-	-1	-	-1
Lithuania	-	-	0	-	-	-	1	-	-	-	1
Malaysia	-	0	0	-	-	-	0	-	-6	-	-6
Mexico	-19	0	-2	-1	-	-	-142	-1	1	-	-142
Netherlands	2	0	-2	-	-	-	-80	-15	-15	-	-110
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	0	0	-	-	-	-3	-	0	-	-2
Oman	-	-	-1	0	-	-	0	-	-	-	0
Panama	-	0	0	0	-	-	-38	-7	-6	-	-51
Portugal	-	-	-	-	-	-	-	-	0	-	0
Puerto Rico	0	0	-1	0	-	-	0	-	0	-	0
Russia	-	0	-	-	-	-	10	11	7	-	27
Spain	-	0	0	-	-	-	-6	-	0	-	-7
Sweden	-	0	-	-	-	-	0	-	0	-	0
Trinidad and Tobago	-	0	0	0	-	-	0	-	-	-	0
United Kingdom	-	0	0	0	-	-	-53	-3	0	-	-57
Vietnam	-	0	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	-	-	0	-	-	-	0	0	-1	-	-1
Yemen	-	-	0	-	-	-	-	-	-	-	-
Other	-6	0	-11	1	13	-	-280	-21	-26	0	-325
Total	-34	-23	-49	15	13	-	-833	-89	-47	0	-969
Persian Gulf³	1	0	-2	0	-	-	5	-	0	-	5

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-November 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	-3	-	-	2	1	-3	1	0
Algeria	-	-	-	1	-	5	0	-
Angola	-	-	-	-	-	2	-	-
Ecuador	0	-	-	-1	0	-5	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	0	-	-	-	-	-	-	-
Kuwait	-	-	-	0	-	-	-	-
Libya	0	-	-	-	-	1	-	-
Nigeria	-3	-	-	-16	-	1	-	-
Qatar	-	-	-	0	-	0	-	-
Saudi Arabia	0	-	-	2	1	0	0	-
United Arab Emirates	0	-	-	0	-	-	0	-
Venezuela	0	-	-	16	-	-5	1	0
Non-OPEC	-6	0	-	-41	14	-136	31	6
Argentina	0	-	-	-2	-	0	0	3
Aruba	0	-	-	0	-	-2	-	-
Australia	-	-	-	-	-	0	-	-
Bahamas	0	-	-	-1	-	-12	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	0	-	-	-2	0	0	0	-
Brazil	0	-	-	-3	1	2	2	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	0	-	-
Canada	-10	0	-	-39	4	13	3	3
Chad	-	-	-	-	-	-	-	-
China	2	-	-	3	-	0	-	-
Colombia	0	-	-	-7	-	16	-	-
Denmark	-	-	-	-2	-	-1	-	-
Dominican Republic	0	-	-	-2	-	-5	-	-
Equatorial Guinea	-	-	-	-	-	0	-	-
Estonia	0	-	-	-	-	-	-	-
Finland	0	-	-	-2	-	0	-	-
France	0	-	-	-	-	-1	0	1
Gabon	-	-	-	-	-	1	-	-
Germany	0	-	-	0	0	0	0	-
Guatemala	0	-	-	-1	-	-7	-	-
Honduras	0	-	-	-2	-	-11	-	-
India	0	-	-	12	0	1	0	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	1	0	-
Japan	2	-	-	7	4	0	1	-
Korea, South	1	-	-	72	3	0	4	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-1	0	-
Mexico	0	-	-	-23	-	25	16	-
Netherlands	0	-	-	-4	0	-19	1	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-2	-	-	-	-
Oman	-	-	-	-	-	0	-	-
Panama	0	-	-	-16	-	-33	-	-
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	0	-	-	-	-	-2	-	-
Russia	0	-	-	-	-	22	0	-
Spain	-	-	-	0	-	0	0	-
Sweden	-	-	-	-	-	-1	-	-
Trinidad and Tobago	0	-	-	1	-	10	-	-
United Kingdom	-	-	-	-6	-	-2	1	0
Vietnam	0	-	-	-	-	0	-	-
Virgin Islands, U.S.	0	-	-	-	-	0	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-1	0	-	-22	2	-130	3	-1
Total	-9	0	-	-38	16	-139	33	6
Persian Gulf³	0	-	-	2	1	0	1	-

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-November 2015
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-6	4	2	0	-24	2,618
Algeria	0	—	0	0	—	106	109
Angola	—	—	0	—	—	13	134
Ecuador	0	-4	0	-1	0	-120	109
Iran	—	—	—	—	—	—	—
Iraq	—	0	—	0	—	0	209
Kuwait	0	0	0	0	0	0	207
Libya	—	0	0	0	—	3	7
Nigeria	0	0	0	-1	—	-1	50
Qatar	0	-2	—	7	—	7	7
Saudi Arabia	0	-2	—	0	0	4	1,049
United Arab Emirates	0	-1	0	-1	0	-2	-1
Venezuela	0	3	4	-2	—	-35	738
Non-OPEC	2	-508	9	-40	-1	-2,142	2,051
Argentina	0	1	0	-1	0	-46	-31
Aruba	—	—	0	0	—	-45	-45
Australia	0	-7	0	-1	0	-8	2
Bahamas	—	—	0	0	—	-25	-25
Bahrain	0	—	—	2	—	2	2
Belgium	0	-6	0	-7	0	30	30
Brazil	0	-32	0	-8	0	-152	35
Brunei	—	—	—	0	—	0	0
Cameroon	—	—	0	0	—	2	2
Canada	-1	-25	17	3	0	56	2,774
Chad	—	—	0	0	—	0	76
China	2	-52	0	-2	0	-177	-178
Colombia	0	0	0	-3	0	-154	221
Denmark	0	-2	0	0	—	-5	-5
Dominican Republic	0	-5	-1	-1	0	-66	-66
Equatorial Guinea	—	—	—	0	—	1	6
Estonia	0	—	—	0	—	2	2
Finland	—	-1	0	0	—	8	8
France	0	-5	0	-2	0	-74	-76
Gabon	—	0	0	0	0	3	9
Germany	0	-2	0	-1	0	-2	-2
Guatemala	0	-3	0	-1	—	-68	-59
Honduras	0	-3	0	0	—	-57	-57
India	0	-71	0	-3	0	9	10
Indonesia	0	0	0	0	0	5	38
Italy	0	-21	0	1	0	-29	-33
Japan	0	-61	0	0	0	-142	-142
Korea, South	0	-9	0	10	0	40	37
Latvia	0	—	0	0	0	-1	-1
Lithuania	—	—	—	0	0	2	2
Malaysia	0	0	-1	0	0	-7	-6
Mexico	0	-44	-5	-11	-1	-601	85
Netherlands	0	-7	0	-1	0	-173	-179
Netherlands Antilles	—	—	—	—	—	—	—
Norway	0	-3	0	0	0	41	51
Oman	—	-1	0	0	—	-3	-3
Panama	0	-3	-1	-1	0	-167	-167
Portugal	0	-4	—	0	—	15	15
Puerto Rico	0	-1	0	0	0	-4	-4
Russia	0	0	0	0	—	339	366
Spain	0	-26	1	0	0	17	10
Sweden	0	0	—	0	0	2	2
Trinidad and Tobago	0	0	0	-1	0	15	23
United Kingdom	0	-3	0	0	0	17	30
Vietnam	0	0	0	0	0	-3	7
Virgin Islands, U.S.	—	—	0	0	0	-1	-1
Yemen	—	—	—	0	—	0	0
Other	1	-112	-1	-12	0	-738	-712
Total	2	-514	13	-38	-1	-2,166	4,669
Persian Gulf³	0	-5	0	8	0	12	1,474

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, November 2015
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	15,136	148,505	939,038	22,883	56,979	1,182,541
Refinery	11,926	16,212	47,407	2,212	23,773	101,530
Tank Farms and Pipelines (Includes Cushing, OK)	3,077	126,101	175,351	16,930	26,952	348,411
Cushing, Oklahoma	—	58,627	—	—	—	58,627
Leases ¹	133	6,192	21,157	3,741	881	32,104
Strategic Petroleum Reserve ²	—	—	695,123	—	—	695,123
Alaskan In Transit	—	—	—	—	5,373	5,373
Total Stocks, All Oils (excluding Crude Oil)³	173,058	182,492	367,455	21,537	94,469	839,012
Refinery	18,453	50,261	119,115	11,313	53,165	252,307
Bulk Terminal	122,667	96,074	195,566	6,366	35,782	456,456
Pipeline	31,723	35,029	49,013	3,721	5,072	124,558
Natural Gas Processing Plant	215	1,128	3,761	137	450	5,691
Pentanes Plus	169	8,728	10,876	331	39	20,143
Refinery	—	313	687	18	—	1,018
Bulk Terminal	108	1,520	7,867	5	10	9,510
Pipeline	11	6,701	1,841	258	—	8,811
Natural Gas Processing Plant	50	194	481	50	29	804
Liquefied Petroleum Gases	8,746	51,576	125,358	3,883	6,745	196,308
Refinery	939	5,657	7,975	466	1,594	16,631
Bulk Terminal	6,951	37,081	102,101	1,756	4,730	152,619
Pipeline	691	7,904	12,002	1,574	—	22,171
Natural Gas Processing Plant	165	934	3,280	87	421	4,887
Ethane/Ethylene	87	4,973	28,057	430	—	33,547
Refinery	—	—	135	—	—	135
Bulk Terminal	—	2,473	22,568	—	—	25,041
Ethylene	—	—	2,898	—	—	2,898
Pipeline	87	2,285	4,259	429	—	7,060
Natural Gas Processing Plant	—	215	1,095	1	—	1,311
Propane/Propylene	7,086	29,711	63,586	1,718	2,354	104,455
Refinery	319	2,242	2,299	61	112	5,033
Bulk Terminal	6,065	22,890	54,789	885	2,194	86,823
Nonfuel Use	—	—	2,778	—	—	2,778
Pipeline	586	4,074	5,620	721	—	11,001
Natural Gas Processing Plant	116	505	878	51	48	1,598
Normal Butane/Butylene	1,391	14,908	27,644	1,428	3,889	49,260
Refinery	458	2,613	4,495	282	1,003	8,851
Bulk Terminal	886	11,058	20,536	871	2,534	35,885
Refinery Grade Butane	—	5,649	6,185	249	—	12,083
Pipeline	6	1,120	1,451	246	—	2,823
Natural Gas Processing Plant	41	117	1,162	29	352	1,701
Isobutane/isobutylene	182	1,984	6,071	307	502	9,046
Refinery	162	802	1,046	123	479	2,612
Bulk Terminal	—	660	4,208	—	2	4,870
Pipeline	12	425	672	178	—	1,287
Natural Gas Processing Plant	8	97	145	6	21	277
Other Hydrocarbons	—	38	—	—	—	38
Refinery	—	38	—	—	—	38
Oxygenates (excluding Fuel Ethanol)	—	—	1,233	—	—	1,233
Refinery	—	—	130	—	—	130
Bulk Terminal	—	—	1,103	—	—	1,103
Pipeline	—	—	—	—	—	—
MTBE	—	—	853	—	—	853
Refinery	—	—	130	—	—	130
Bulk Terminal ⁴	—	—	723	—	—	723
Pipeline	—	—	—	—	—	—
Other Oxygenates⁵	—	—	380	—	—	380
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	380	—	—	380
Pipeline	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	7,219	7,694	4,980	342	3,835	24,071
Refinery	146	123	349	105	211	934
Bulk Terminal	7,034	7,571	4,631	237	3,624	23,098
Pipeline	39	—	—	—	—	39
Fuel Ethanol	6,090	6,954	3,869	333	2,699	19,945
Refinery	141	88	138	99	39	505
Bulk Terminal	5,910	6,866	3,731	234	2,660	19,401
Pipeline	39	—	—	—	—	39
Renewable Diesel Fuel	1,129	740	1,100	9	1,136	4,115
Refinery	5	35	211	6	172	429
Bulk Terminal	1,124	705	889	3	964	3,686
Pipeline	—	—	—	—	—	—
Other Renewable Fuels	—	—	11	—	—	11
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	11	—	—	11
Pipeline	—	—	—	—	—	—

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, November 2015
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	5,455	13,254	42,770	3,422	21,177	86,078
Naphthas and Lighter	1,441	3,154	10,060	704	3,381	18,740
Refinery	1,430	3,128	9,258	704	3,142	17,662
Bulk Terminal	11	26	802	—	239	1,078
Kerosene and Light Gas Oils	880	2,777	6,683	615	4,085	15,040
Refinery	874	2,703	6,624	615	3,858	14,674
Bulk Terminal	6	74	59	—	227	366
Heavy Gas Oils	2,123	4,875	20,470	1,649	11,617	40,734
Refinery	2,001	4,875	16,934	1,649	11,320	36,779
Bulk Terminal	122	—	3,536	—	297	3,955
Residuum	1,011	2,448	5,557	454	2,094	11,564
Refinery	1,011	2,397	5,557	454	2,094	11,513
Bulk Terminal	—	51	—	—	—	51
Motor Gasoline Blending Components	51,750	43,439	66,824	5,148	27,592	194,753
Refinery	5,541	12,535	26,243	2,844	13,996	61,159
Bulk Terminal	34,582	21,825	24,855	1,447	11,209	93,918
Pipeline	11,627	9,079	15,726	857	2,387	39,676
Reformulated - RBOB	17,916	6,085	10,577	—	13,540	48,118
Refinery	1,566	1,201	1,860	—	5,101	9,728
Bulk Terminal	12,205	3,695	4,651	—	7,074	27,625
Pipeline	4,145	1,189	4,066	—	1,365	10,765
Conventional	33,834	37,354	56,247	5,148	14,052	146,635
Refinery	3,975	11,334	24,383	2,844	8,895	51,431
Bulk Terminal	22,377	18,130	20,204	1,447	4,135	66,293
Pipeline	7,482	7,890	11,660	857	1,022	28,911
CBOB	24,549	29,283	30,230	3,735	6,790	94,587
Refinery	835	5,791	10,434	1,433	2,109	20,602
Bulk Terminal	16,232	16,655	8,614	1,445	3,757	46,703
Pipeline	7,482	6,837	11,182	857	924	27,282
GTAB	646	—	—	—	—	646
Refinery	—	—	—	—	—	—
Bulk Terminal	646	—	—	—	—	646
Pipeline	—	—	—	—	—	—
Other	8,639	8,071	26,017	1,413	7,262	51,402
Refinery	3,140	5,543	13,949	1,411	6,786	30,829
Bulk Terminal	5,499	1,475	11,590	2	378	18,944
Pipeline	—	1,053	478	—	98	1,629
Aviation Gasoline Blending Components	—	—	7	—	—	7
Refinery	—	—	7	—	—	7
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	6,553	6,608	10,596	2,078	1,970	27,805
Refinery	32	1,478	3,177	1,103	804	6,594
Bulk Terminal	2,401	2,671	3,952	660	1,118	10,802
Pipeline	4,120	2,459	3,467	315	48	10,409
Reformulated	28	—	—	—	18	46
Refinery	—	—	—	—	18	18
Bulk Terminal	28	—	—	—	—	28
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	28	—	—	—	18	46
Refinery	—	—	—	—	18	18
Bulk Terminal	28	—	—	—	—	28
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	6,525	6,608	10,596	2,078	1,952	27,759
Refinery	32	1,478	3,177	1,103	786	6,576
Bulk Terminal	2,373	2,671	3,952	660	1,118	10,774
Pipeline	4,120	2,459	3,467	315	48	10,409
Conventional (Blended with Fuel Ethanol)	39	192	39	64	—	334
Refinery	—	—	—	63	—	63
Bulk Terminal	39	192	39	1	—	271
Pipeline	—	—	—	—	—	—
Ed55 and Lower	39	192	39	64	—	334
Refinery	—	—	—	63	—	63
Bulk Terminal	39	192	39	1	—	271
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional (Other)	6,486	6,416	10,557	2,014	1,952	27,425
Refinery	32	1,478	3,177	1,040	786	6,513
Bulk Terminal	2,334	2,479	3,913	659	1,118	10,503
Pipeline	4,120	2,459	3,467	315	48	10,409

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, November 2015
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	167	192	335	8	165	867
Refinery	—	103	289	8	102	502
Bulk Terminal	167	89	46	—	63	365
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,544	6,336	13,345	670	9,092	37,987
Refinery	440	2,020	5,811	358	3,973	12,602
Bulk Terminal	4,137	2,770	3,568	277	4,066	14,818
Pipeline	3,967	1,546	3,966	35	1,053	10,567
Kerosene	2,100	165	321	—	40	2,626
Refinery	163	132	178	—	10	483
Bulk Terminal	1,933	33	127	—	30	2,123
Pipeline	4	—	16	—	—	20
Distillate Fuel Oil⁵	66,550	30,147	41,911	4,053	14,005	156,666
Refinery	3,447	6,988	15,053	1,871	5,737	33,096
Bulk Terminal	51,839	15,819	14,868	1,500	6,690	90,716
Pipeline	11,264	7,340	11,990	682	1,578	32,854
15 ppm sulfur and Under	50,585	29,513	34,737	3,779	12,842	131,456
Refinery	2,313	6,514	12,441	1,629	4,895	27,792
Bulk Terminal	38,790	15,779	11,625	1,470	6,499	74,163
Pipeline	9,482	7,220	10,671	680	1,448	29,501
Greater than 15 ppm to 500 ppm sulfur	5,875	316	2,328	201	298	9,018
Refinery	206	165	1,033	169	290	1,863
Bulk Terminal	5,437	31	793	30	8	6,299
Pipeline	232	120	502	2	—	856
Greater than 500 ppm sulfur	10,090	318	4,846	73	865	16,192
Refinery	928	309	1,579	73	552	3,441
Bulk Terminal	7,612	9	2,450	—	183	10,254
Pipeline	1,550	—	817	—	130	2,497
Residual Fuel Oil⁶	10,787	1,318	25,617	225	5,741	43,688
Refinery	653	1,028	4,039	225	3,303	9,248
Bulk Terminal	10,134	290	21,578	—	2,432	34,434
Pipeline	—	—	—	—	6	6
Less than 0.31% Sulfur	1,453	42	2,359	7	238	4,099
Refinery	172	—	200	7	88	467
Bulk Terminal	1,281	42	2,159	—	150	3,632
0.31% to 1.00% Sulfur	2,071	161	2,773	4	659	5,668
Refinery	42	124	230	4	564	964
Bulk Terminal	2,029	37	2,543	—	95	4,704
Greater than 1.00% Percent Sulfur	7,263	1,115	20,485	214	4,838	33,915
Refinery	439	904	3,609	214	2,651	7,817
Bulk Terminal	6,824	211	16,876	—	2,187	26,098
Petrochemical Feedstocks	151	722	2,318	—	1	3,192
Refinery	151	722	2,318	—	1	3,192
Naphtha for Petrochemical Feedstock Use	151	563	1,334	—	1	2,049
Other Oils for Petrochemical Feedstock Use	—	159	984	—	—	1,143
Special Naphthas	29	130	1,133	—	53	1,345
Refinery	15	63	910	—	53	1,041
Bulk Terminal	14	67	223	—	—	304
Lubricants	1,136	584	10,228	—	911	12,859
Refinery	623	128	6,397	—	662	7,810
Bulk Terminal	513	456	3,831	—	249	5,049
Waxes	278	39	238	—	—	555
Refinery	278	39	238	—	—	555
Petroleum Coke	—	1,194	3,913	116	1,643	6,866
Refinery	—	1,194	3,913	116	1,643	6,866
Asphalt and Road Oil	3,393	10,193	4,925	1,238	1,374	21,123
Refinery	678	4,462	2,506	754	576	8,976
Bulk Terminal	2,715	5,731	2,419	484	798	12,147
Miscellaneous Products	31	135	527	23	86	802
Refinery	31	135	522	23	86	797
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	5	—	—	5
Total Stocks, All Oils	188,194	330,997	1,306,493	44,420	151,448	2,021,553

— = No Data Reported.

¹ Crude oil stocks include an adjustment of 10,630 thousand barrels (constant since 1983) to account for incomplete survey reporting of stocks held on producing leases.

² Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

³ Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

⁴ Includes stocks held by merchant producers.

⁵ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

⁶ Sulfur content not available for stocks held by pipelines.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, November 2015
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	28	2,405	2,433	13,771	26,352	40,123	2,096
Connecticut	—	—	—	1,061	—	1,061	50
Delaware	—	—	—	684	641	1,325	141
District of Columbia	—	—	—	—	—	—	—
Florida	—	827	827	—	4,510	4,510	—
Georgia	—	310	310	—	2,573	2,573	—
Maine	—	—	—	287	308	595	143
Maryland	—	—	—	1,259	33	1,292	150
Massachusetts	4	—	4	1,294	8	1,302	37
New Hampshire	—	—	—	—	—	—	56
New Jersey	—	168	168	5,189	6,474	11,663	190
New York	24	—	24	669	1,661	2,330	732
North Carolina	—	417	417	—	2,012	2,012	387
Pennsylvania	—	74	74	1,305	5,191	6,496	159
Rhode Island	—	—	—	488	—	488	—
South Carolina	—	359	359	—	1,404	1,404	—
Vermont	—	39	39	—	—	—	2
Virginia	—	176	176	1,535	1,430	2,965	49
West Virginia	—	35	35	—	107	107	—
PAD District 2	—	4,149	4,149	4,896	29,464	34,360	165
Illinois	—	446	446	2,420	3,919	6,339	130
Indiana	—	257	257	890	3,881	4,771	—
Iowa	—	209	209	—	1,429	1,429	—
Kansas	—	288	288	—	2,933	2,933	13
Kentucky	—	349	349	471	1,023	1,494	8
Michigan	—	157	157	75	2,888	2,963	—
Minnesota	—	455	455	64	2,345	2,409	—
Missouri	—	207	207	221	547	768	—
Nebraska	—	82	82	—	533	533	—
North Dakota	—	138	138	—	794	794	—
Ohio	—	733	733	27	3,483	3,510	9
Oklahoma	—	363	363	116	2,168	2,284	5
South Dakota	—	40	40	—	270	270	—
Tennessee	—	231	231	—	2,176	2,176	—
Wisconsin	—	194	194	612	1,075	1,687	—
PAD District 3	—	7,129	7,129	6,511	44,587	51,098	305
Alabama	—	234	234	—	1,383	1,383	7
Arkansas	—	340	340	—	643	643	—
Louisiana	—	1,054	1,054	310	11,316	11,626	87
Mississippi	—	929	929	—	1,818	1,818	—
New Mexico	—	99	99	—	420	420	—
Texas	—	4,473	4,473	6,201	29,007	35,208	211
PAD District 4	—	1,763	1,763	—	4,291	4,291	—
Colorado	—	367	367	—	857	857	—
Idaho	—	262	262	—	170	170	—
Montana	—	597	597	—	1,076	1,076	—
Utah	—	142	142	—	1,272	1,272	—
Wyoming	—	395	395	—	916	916	—
PAD District 5	18	1,904	1,922	12,175	13,030	25,205	40
Alaska	—	778	778	—	—	—	30
Arizona	—	109	109	639	448	1,087	—
California	18	246	264	11,137	6,252	17,389	10
Hawaii	—	7	7	—	1,000	1,000	—
Nevada	—	80	80	17	278	295	—
Oregon	—	55	55	—	1,139	1,139	—
Washington	—	629	629	382	3,913	4,295	—
U.S. Total	46	17,350	17,396	37,353	117,724	155,077	2,606

See footnotes at end of table.

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, November 2015
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane/ Propylene
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	41,103	5,643	8,540	55,286	10,787	6,500
Connecticut	1,918	2,460	131	4,509	31	—
Delaware	384	48	113	545	754	34
District of Columbia	—	—	—	—	—	—
Florida	1,821	39	—	1,860	1,406	621
Georgia	1,794	—	—	1,794	495	4
Maine	429	14	1,249	1,692	194	—
Maryland	2,716	—	541	3,257	935	3
Massachusetts	893	815	859	2,567	208	—
New Hampshire	351	—	554	905	45	404
New Jersey	15,835	580	1,319	17,734	3,421	233
New York	6,041	486	1,026	7,553	2,017	2,115
North Carolina	1,319	—	24	1,343	—	438
Pennsylvania	3,771	131	2,011	5,913	671	1,453
Rhode Island	477	762	279	1,518	56	8
South Carolina	978	—	—	978	389	1,104
Vermont	35	—	17	52	—	—
Virginia	2,188	257	417	2,862	165	5
West Virginia	153	51	—	204	—	78
PAD District 2	22,293	196	318	22,807	1,318	25,637
Illinois	3,715	—	—	3,715	415	1,242
Indiana	2,721	—	89	2,810	55	686
Iowa	1,288	—	—	1,288	6	549
Kansas	1,934	—	—	1,934	39	15,034
Kentucky	983	—	5	988	198	242
Michigan	1,508	—	—	1,508	114	6,243
Minnesota	1,357	5	29	1,391	131	351
Missouri	626	3	4	633	—	209
Nebraska	734	—	—	734	—	375
North Dakota	681	1	—	682	52	91
Ohio	2,113	1	43	2,157	142	482
Oklahoma	1,809	39	87	1,935	64	52
South Dakota	437	—	—	437	—	22
Tennessee	1,209	—	—	1,209	72	9
Wisconsin	1,178	147	61	1,386	30	50
PAD District 3	24,066	1,826	4,029	29,921	25,617	57,966
Alabama	1,340	45	27	1,412	333	28
Arkansas	851	—	49	900	—	41
Louisiana	4,969	1,064	1,058	7,091	10,171	3,413
Mississippi	806	372	89	1,267	89	7,585
New Mexico	336	—	—	336	31	22
Texas	15,764	345	2,806	18,915	14,993	46,877
PAD District 4	3,099	199	73	3,371	225	997
Colorado	725	—	—	725	4	18
Idaho	280	—	—	280	—	—
Montana	1,038	60	—	1,098	64	23
Utah	528	92	73	693	39	913
Wyoming	528	47	—	575	118	43
PAD District 5	11,394	298	735	12,427	5,735	2,354
Alaska	1,224	—	107	1,331	365	5
Arizona	597	8	—	605	—	1,483
California	5,682	290	237	6,209	3,551	625
Hawaii	257	—	387	644	821	81
Nevada	426	—	4	430	—	2
Oregon	968	—	—	968	64	—
Washington	2,240	—	—	2,240	934	158
U.S. Total	101,955	8,162	13,695	123,812	43,682	93,454

— = No Data Reported.

¹ Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Note: Stocks are reported as of the last day of the month.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail Between PAD Districts, November 2015
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil¹	136	339	0	12,299	25,477	7,129	4,520	1,864	22,330
Petroleum Products²	13,104	0	0	2,820	18,748	5,455	0	98,274	22,419
Pentanes Plus	10	0	—	0	954	243	—	0	4,334
Liquefied Petroleum Gases	3,262	0	—	821	12,650	2,747	—	1,300	2,919
Unfinished Oils	28	0	—	0	1,277	—	—	0	55
Motor Gasoline Blending Components	6,099	0	0	1,133	1,415	1,219	0	45,961	6,104
Reformulated - RBOB	0	0	0	0	406	—	0	7,992	1,966
Conventional	6,099	0	0	1,133	1,009	1,219	0	37,969	4,138
CBOB	6,074	0	0	1,133	657	1,219	0	37,969	3,581
GTAB	—	—	—	—	—	—	—	—	—
Other	25	0	—	0	352	—	—	0	557
Renewable Fuels	0	0	—	0	403	—	—	256	0
Fuel Ethanol	0	0	—	0	403	—	—	256	0
Renewable Diesel Fuel	—	—	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	458	0	0	114	364	221	0	11,119	926
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	458	0	0	114	364	221	0	11,119	926
Conventional Blended with Fuel Ethanol	0	0	—	—	21	—	—	—	0
Ed55 and Lower	0	0	—	—	21	—	—	—	0
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	458	0	0	114	343	221	0	11,119	926
Finished Aviation Gasoline	—	0	—	0	0	—	—	667	—
Kerosene-Type Jet Fuel	228	0	0	98	18	471	0	11,605	1,752
Kerosene	0	0	—	—	0	—	—	—	50
Distillate Fuel Oil	3,010	0	0	602	700	554	0	26,395	5,763
15 ppm sulfur and under	3,010	0	0	602	700	554	0	24,171	5,705
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	196	58
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	2,028	—
Residual Fuel Oil	0	0	—	—	736	—	—	—	0
Petrochemical Feedstocks	9	0	—	0	231	—	—	0	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	187	—	—	—	0
Other Oils for Petrochemical Feedstock Use	9	0	—	0	44	—	—	0	0
Special Naphthas	0	0	—	—	0	—	—	—	40
Lubricants	0	0	—	0	0	—	—	721	231
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	0	0	—	52	0	—	—	250	235
Miscellaneous Products	0	0	—	—	0	—	—	—	10
Total	13,240	339	0	15,119	44,225	12,584	4,520	100,138	44,749

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail Between PAD Districts, November 2015
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil¹	0	166	605	17,392	3,127	236	0	0	0
Petroleum Products²	0	5,193	0	6,194	6,902	1,829	0	0	0
Pentanes Plus	0	—	0	598	1,008	—	0	0	0
Liquefied Petroleum Gases	0	—	0	4,777	5,894	—	0	0	0
Unfinished Oils	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components	0	4,179	0	115	0	1,240	0	0	0
Reformulated - RBOB	—	2,604	0	0	0	0	0	0	—
Conventional	0	1,575	0	115	0	1,240	0	0	0
CBOB	0	1,575	0	115	0	1,240	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	—
Renewable Fuels	—	—	0	0	0	—	0	0	—
Fuel Ethanol	—	—	0	0	0	—	0	0	—
Renewable Diesel Fuel	—	—	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	419	0	278	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	419	0	278	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	0	0	—	—	0	—
Ed55 and Lower	—	—	—	0	0	—	—	0	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	419	0	278	0	0	0
Finished Aviation Gasoline	—	—	0	—	0	—	0	0	—
Kerosene-Type Jet Fuel	0	110	0	5	0	15	0	0	0
Kerosene	—	—	—	0	0	—	—	0	—
Distillate Fuel Oil	0	904	0	280	0	296	0	0	0
15 ppm sulfur and under	0	904	0	280	0	296	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks	—	—	0	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use	—	—	0	0	0	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	—
Lubricants	—	—	0	0	0	—	0	0	—
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	0	0	0	—	0	0	—
Miscellaneous Products	—	—	—	0	0	—	—	0	—
Total	0	5,359	605	23,586	10,029	2,065	0	0	0

— = No Data Reported.

¹ Includes movements by pipeline, tanker, barge and rail.

² Includes movements by pipeline, tanker and barge.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2015
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	113	35	203	22,190	7,129	195	22,330	0	-
Petroleum Products	12,957	0	2,215	15,455	5,455	81,694	20,612	0	5,193
Pentanes Plus	10	0	0	954	243	0	4,334	0	-
Liquefied Petroleum Gases	3,262	0	821	12,650	2,747	1,300	2,919	0	-
Motor Gasoline Blending Components	6,074	0	751	1,063	1,219	38,048	5,913	0	4,179
Reformulated - RBOB	0	0	0	406	-	7,992	1,966	-	2,604
Conventional	6,074	0	751	657	1,219	30,056	3,947	0	1,575
CBOB	6,074	0	751	657	1,219	30,056	3,581	0	1,575
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	-	366	-	-
Renewable Fuels	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	441	0	107	70	221	8,104	514	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	441	0	107	70	221	8,104	514	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	441	0	107	70	221	8,104	514	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	228	0	98	18	471	10,267	1,654	0	110
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,942	0	438	700	554	23,975	5,278	0	904
15 ppm sulfur and under	2,942	0	438	700	554	21,751	5,220	0	904
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	196	58	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	2,028	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	13,070	35	2,418	37,645	12,584	81,889	42,942	0	5,193

See footnotes at end of table.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2015
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	17,271	413	—	0	0
Petroleum Products	0	6,194	6,902	1,829	0	0
Pentanes Plus	0	598	1,008	—	0	0
Liquefied Petroleum Gases	0	4,777	5,894	—	0	0
Motor Gasoline Blending Components	0	115	0	1,240	0	0
Reformulated - RBOB	0	0	0	0	0	—
Conventional	0	115	0	1,240	0	0
CBOB	0	115	0	1,240	0	0
GTAB	—	—	—	—	—	—
Other	—	0	0	—	0	—
Renewable Fuels	—	—	—	—	—	—
Fuel Ethanol	—	—	—	—	—	—
Renewable Diesel Fuel	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—
Finished Motor Gasoline	0	419	0	278	0	0
Reformulated	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—
Conventional	0	419	0	278	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Conventional Other	0	419	0	278	0	0
Finished Aviation Gasoline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	0	5	0	15	0	0
Kerosene	—	—	—	—	—	—
Distillate Fuel Oil	0	280	0	296	0	0
15 ppm sulfur and under	0	280	0	296	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	—	0	—
Greater than 500 ppm sulfur	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	—	—	—
Miscellaneous Products	—	—	—	—	—	—
Total	0	23,465	7,315	1,829	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, November 2015
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	23	304	—	230	1,466	—
Petroleum Products	147	0	—	605	3,293	—
Liquefied Petroleum Gases	—	—	—	—	—	—
Unfinished Oils	28	0	—	0	1,277	—
Motor Gasoline Blending Components	25	0	—	382	352	—
Reformulated - RBOB	—	—	—	—	—	—
Conventional	25	0	—	382	352	—
CBOB	0	0	—	382	0	—
GTAB	—	—	—	—	—	—
Other	25	0	—	0	352	—
Renewable Fuels	0	0	—	0	403	—
Fuel Ethanol	0	0	—	0	403	—
Renewable Diesel Fuel	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—
Finished Motor Gasoline	17	0	—	7	294	—
Reformulated	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—
Conventional	17	0	—	7	294	—
Conventional Blended with Fuel Ethanol	0	0	—	—	21	—
Ed55 and Lower	0	0	—	—	21	—
Greater than Ed55	—	—	—	—	—	—
Conventional Other	17	0	—	7	273	—
Finished Aviation Gasoline	—	0	—	0	0	—
Kerosene-Type Jet Fuel	0	0	—	0	0	—
Kerosene	0	0	—	—	0	—
Distillate Fuel Oil	68	0	—	164	0	—
15 ppm sulfur and under	68	0	—	164	0	—
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—
Residual Fuel Oil	0	0	—	—	736	—
Less than 0.31 percent sulfur	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	0	0	—	—	85	—
Greater than 1.00 percent sulfur	0	0	—	—	651	—
Petrochemical Feedstocks	9	0	—	0	231	—
Naphtha for Petrochemical Feedstock Use	0	0	—	—	187	—
Other Oils for Petrochemical Feedstock Use	9	0	—	0	44	—
Special Naphthas	0	0	—	—	0	—
Lubricants	0	0	—	0	0	—
Waxes	—	—	—	—	—	—
Asphalt and Road Oil	0	0	—	52	0	—
Miscellaneous Products	0	0	—	—	0	—
Total	170	304	—	835	4,759	—

See footnotes at end of table.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, November 2015
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,669	—	1,669	—	0	—	0	0	0
Petroleum Products	16,580	—	384	16,196	1,807	—	0	0	0
Liquefied Petroleum Gases	—	—	—	—	—	—	—	—	—
Unfinished Oils	0	—	—	—	55	—	0	0	0
Motor Gasoline Blending Components	7,913	—	—	7,913	191	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	7,913	—	—	7,913	191	—	0	0	0
CBOB	7,913	—	—	7,913	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	0	—	—	—	191	—	0	0	0
Renewable Fuels	256	—	—	256	0	—	0	0	0
Fuel Ethanol	256	—	—	256	0	—	0	0	0
Renewable Diesel Fuel	—	—	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	3,015	—	—	3,015	412	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	3,015	—	—	3,015	412	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	0	—	—	0	0
Ed55 and Lower	—	—	—	—	0	—	—	0	0
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	3,015	—	—	3,015	412	—	0	0	0
Finished Aviation Gasoline	667	—	—	667	—	—	0	—	0
Kerosene-Type Jet Fuel	1,338	—	—	1,338	98	—	0	0	0
Kerosene	—	—	—	—	50	—	—	0	0
Distillate Fuel Oil	2,420	—	—	2,420	485	—	0	0	0
15 ppm sulfur and under	2,420	—	—	2,420	485	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	0	—	—	—	0	—	0	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	0	—	—	—	0	—	0	0	0
Special Naphthas	—	—	—	—	40	—	—	0	0
Lubricants	721	—	384	337	231	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	250	—	—	250	235	—	0	0	0
Miscellaneous Products	—	—	—	—	10	—	—	0	0
Total	18,249	—	2,053	16,196	1,807	—	0	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 60. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, November 2015
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	113	23	0	136
3	35	304	0	339
4	0	—	0	0
5	—	—	0	0
From 2 to				
1	203	230	11,866	12,299
3	22,190	1,466	1,821	25,477
4	7,129	—	0	7,129
5	—	—	4,520	4,520
From 3 to				
1	195	1,669	0	1,864
2	22,330	0	0	22,330
4	0	—	0	0
5	—	—	166	166
From 4 to				
1	0	0	605	605
2	17,271	0	121	17,392
3	413	0	2,714	3,127
5	—	—	236	236
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	—	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 61. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail Between PAD Districts, November 2015
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil¹	14,768	475	14,293	39,858	49,425	-9,567	28,942	24,360	4,583
Petroleum Products²	101,094	13,104	97,415	41,717	27,023	-4,149	25,650	125,886	-95,802
Pentanes Plus	0	10	-10	4,942	1,197	3,745	1,962	4,334	-2,372
Liquefied Petroleum Gases	2,121	3,262	-1,141	10,958	16,218	-5,260	18,544	4,219	14,325
Ethane/Ethylene	45	3,200	-3,155	4,928	6,978	-2,050	8,093	428	7,665
Propane/Propylene	2,076	44	2,032	3,312	6,369	-3,057	6,854	2,366	4,488
Normal Butane/Butylene	0	5	-5	1,685	2,202	-517	2,559	791	1,768
Isobutane/Isobutylene	0	13	-13	1,033	669	364	1,038	634	404
Unfinished Oils	0	28	-28	83	1,277	-1,194	1,277	55	1,222
Motor Gasoline Blending Components	47,094	6,099	40,995	12,318	3,767	8,551	1,415	56,244	-54,829
Reformulated - RBOB	7,992	0	7,992	1,966	406	1,560	406	12,562	-12,156
Conventional	39,102	6,099	33,003	10,352	3,361	6,991	1,009	43,682	-42,673
CBOB	39,102	6,074	33,028	9,770	3,009	6,761	657	43,125	-42,468
GTAB	0	0	-	-	-	-	-	-	-
Other	0	25	-25	582	352	230	352	557	-205
Renewable Fuels	256	0	9,681	0	403	-19,246	403	256	4,581
Fuel Ethanol	256	0	9,642	0	403	-18,524	403	256	4,353
Renewable Diesel Fuel	0	0	38	0	0	-722	0	0	228
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	11,233	458	10,775	1,803	699	1,104	364	12,045	-11,681
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	11,233	458	10,775	1,803	699	1,104	364	12,045	-11,681
Conventional Blended with Fuel Ethanol	0	0	-	0	21	-21	21	0	21
Ed55 and Lower	0	0	-	0	21	-21	21	0	21
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	11,233	458	10,775	1,803	678	1,125	343	12,045	-11,702
Finished Aviation Gasoline	667	0	667	0	0	-	0	667	-667
Kerosene-Type Jet Fuel	11,703	228	11,475	1,985	587	1,398	18	13,467	-13,449
Kerosene	0	0	-	50	0	50	0	50	-50
Distillate Fuel Oil	26,997	3,010	23,987	9,053	1,856	7,197	700	33,062	-32,362
15 ppm sulfur and under	24,773	3,010	21,763	8,995	1,856	7,139	700	30,780	-30,080
Greater than 15 ppm to 500 ppm sulfur	196	0	196	58	0	58	0	254	-254
Greater than 500 ppm sulfur	2,028	0	2,028	0	0	-	0	2,028	-2,028
Residual Fuel Oil	0	0	-	0	736	-736	736	0	736
Petrochemical Feedstocks	0	9	-9	9	231	-222	231	0	231
Naphtha for Petrochemical Feedstock Use	0	0	-	0	187	-187	187	0	187
Other Oils for Petrochemical Feedstock Use	0	9	-9	9	44	-35	44	0	44
Special Naphthas	0	0	-	40	0	40	0	40	-40
Lubricants	721	0	721	231	0	231	0	952	-952
Waxes	0	0	-	0	0	-	0	0	-
Asphalt and Road Oil	302	0	302	235	52	183	0	485	-485
Miscellaneous Products	0	0	-	10	0	10	0	10	-10
Total	115,862	13,579	111,708	81,575	76,448	-13,716	54,592	150,246	-91,219

See footnotes at end of table.

Table 61. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail Between PAD Districts, November 2015
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil¹	7,129	21,360	-14,231	4,921	0	4,921
Petroleum Products²	5,455	14,925	-8,886	7,022	0	11,423
Pentanes Plus	243	1,606	-1,363	0	0	—
Liquefied Petroleum Gases	2,747	10,671	-7,924	0	0	—
Ethane/Ethylene	747	3,207	-2,460	0	0	—
Propane/Propylene	1,293	4,756	-3,463	0	0	—
Normal Butane/Butylene	519	1,765	-1,246	0	0	—
Isobutane/Isobutylene	188	943	-755	0	0	—
Unfinished Oils	0	0	—	0	0	—
Motor Gasoline Blending Components	1,219	1,355	-136	5,419	0	5,419
Reformulated - RBOB	—	—	—	2,604	0	2,604
Conventional	1,219	1,355	-136	2,815	0	2,815
CBOB	1,219	1,355	-136	2,815	0	2,815
GTAB	—	—	—	—	—	—
Other	0	0	—	0	0	—
Renewable Fuels	0	0	584	0	0	4,401
Fuel Ethanol	0	0	500	0	0	4,028
Renewable Diesel Fuel	0	0	83	0	0	373
Other Renewable Fuels	—	—	—	—	—	—
Finished Motor Gasoline	221	697	-476	278	0	278
Reformulated	—	—	—	0	0	—
Reformulated Blended with Fuel Ethanol	—	—	—	0	0	—
Reformulated Other	—	—	—	—	—	—
Conventional	221	697	-476	278	0	278
Conventional Blended with Fuel Ethanol	0	0	—	0	0	—
Ed55 and Lower	0	0	—	0	0	—
Greater than Ed55	0	0	—	0	0	—
Conventional Other	221	697	-476	278	0	278
Finished Aviation Gasoline	0	0	—	0	0	—
Kerosene-Type Jet Fuel	471	20	451	125	0	125
Kerosene	0	0	—	0	0	—
Distillate Fuel Oil	554	576	-22	1,200	0	1,200
15 ppm sulfur and under	554	576	-22	1,200	0	1,200
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—
Greater than 500 ppm sulfur	0	0	—	0	0	—
Residual Fuel Oil	0	0	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—
Special Naphthas	—	—	—	0	0	—
Lubricants	0	0	—	0	0	—
Waxes	0	0	—	0	0	—
Asphalt and Road Oil	0	0	—	0	0	—
Miscellaneous Products	0	0	—	0	0	—
Total	12,584	36,285	-23,117	11,943	0	16,344

— = No Data Reported.

¹ Includes movements by pipeline, tanker, barge and rail.

² Includes movements by pipeline, tanker and barge.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

PAD District I

East Coast: The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

Appalachian No. 1: The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

Sub-PAD District I

New England: The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic: The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic: The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

PAD District II

Indiana-Illinois-Kentucky: The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

Minnesota-Wisconsin-North and South Dakota: The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

Oklahoma-Kansas-Missouri: The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

PAD District III

Texas Inland: The State of Texas except the Texas Gulf Coast District.

Texas Gulf Coast: The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

Louisiana Gulf Coast: The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

North Louisiana-Arkansas: The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

New Mexico: The State of New Mexico.

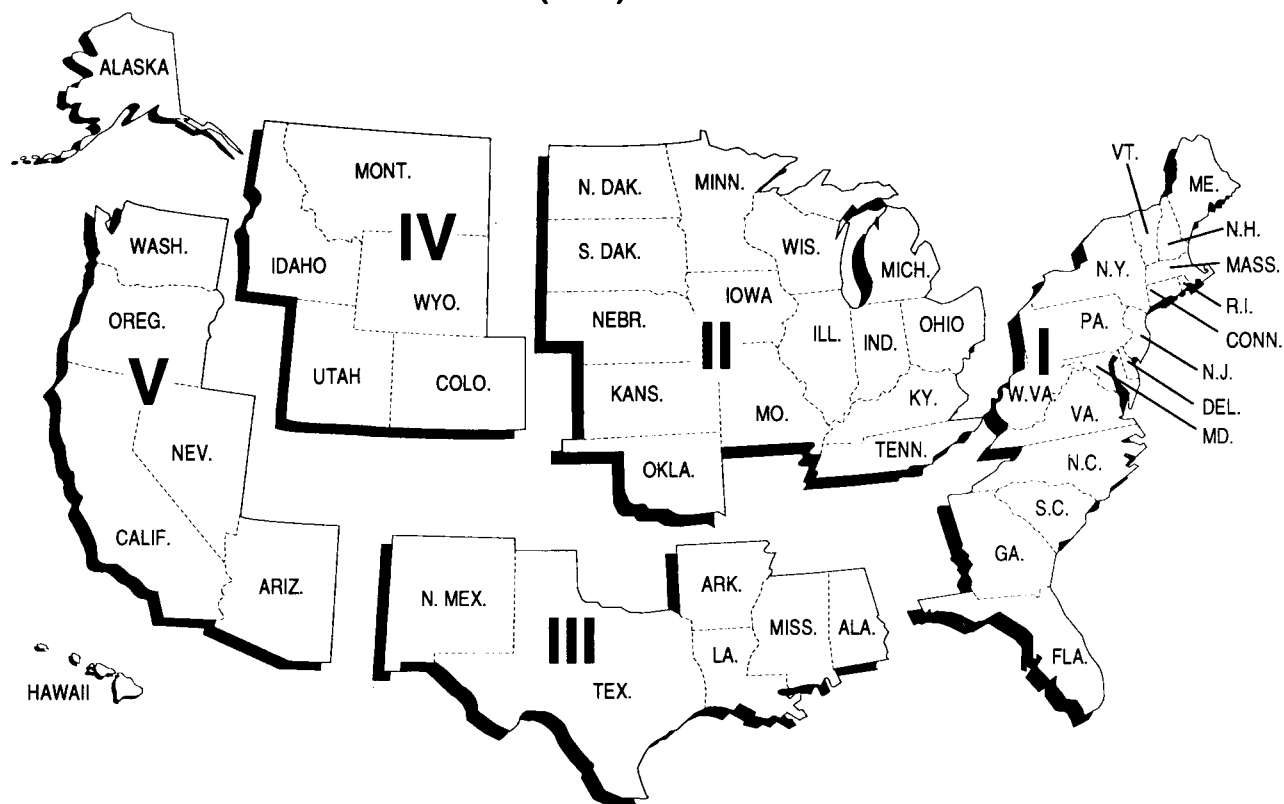
PAD District IV

Rocky Mountain: The States of Montana, Idaho, Wyoming, Utah, and Colorado.

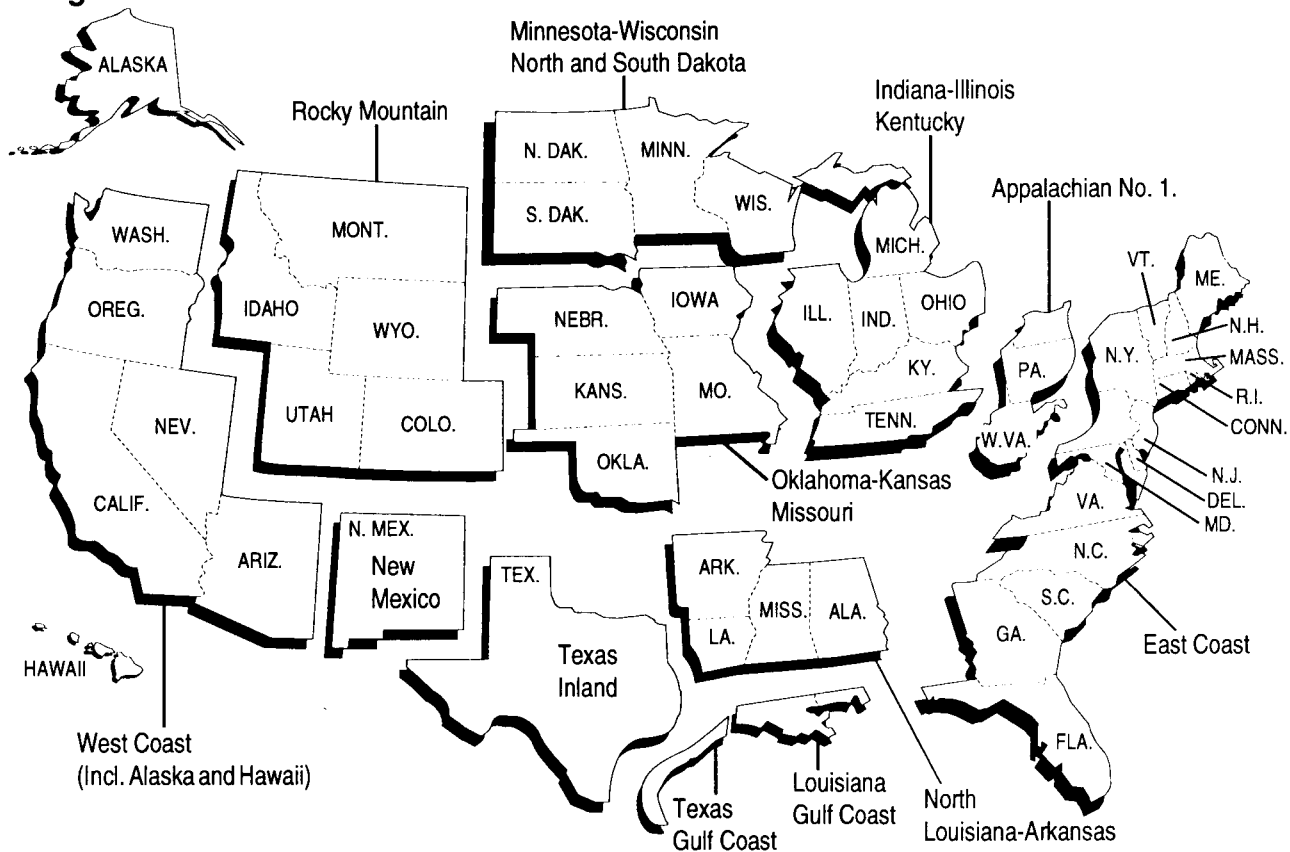
PAD District V

West Coast: The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



Refining Districts



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Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications concerning the supply and disposition of crude oil and petroleum products produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the PSM describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply: petroleum refiners, motor gasoline blenders, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The PSM tables present statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Final statistics for the data series published in the PSM are published in the PSA. The PSA is published approximately five months after the end of the report year.

New in 2010

Several publication changes were implemented beginning with data for January 2010 PSM. The 2010 changes to the PSM include:

- added a new table to consolidate crude oil data
- removed certain crude oil details included in the new crude oil table from existing supply and disposition tables,
- changed motor gasoline product categories
 - Motor gasoline blending components, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blendstock (RBOB);
 - Motor gasoline blending components, reformulated and conventional gasoline treated as blendstock (GTAB) categories were collapsed into a single category: GTAB;
 - Finished motor gasoline, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blended with fuel ethanol;
 - Finished motor gasoline, conventional blended with fuel ethanol was split into two separate categories: Ed55 and lower and Greater than Ed55.
- changed gasoline adjustment calculations including elimination of the MTBE adjustment,
- added gains and losses at blending terminals to applicable tables
- changed various product labels.

Appendix B. Explanatory Notes

1. Overview

A. The Energy Information Administration's Quality Guidelines

The data contained in the *Petroleum Supply Monthly (PSM)* are subject to separate information quality guidelines issued by the Office of Management and Budget (OMB), the Department of Energy (DOE), and Energy Information Administration (EIA). With available resources, EIA continually works to improve its systems in order to provide high quality information needed by public and private policymakers and decision makers. EIA has performance standards to ensure the quality (i.e., objectivity, utility, and integrity) of information it disseminates to the public. Quality is ensured and maximized at levels appropriate to the nature and timeliness of the disseminated information. Information about EIA's quality program is available at <http://www.eia.doe.gov/smg/EIA-IQ-Guidelines.html>.

B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the *PSM* are often interpreted as an approximation of petroleum demand measured as product supplied. Product supplied is often called "implied" demand because it is a measure of demand that is implied by disappearance of petroleum products from facilities and activities in the "primary" supply chain. Facilities and activities in the primary supply chain include refineries and blending terminals, gas processing plants and fractionators, oxygenate producers, biodiesel producers, imports, exports, bulk storage terminals, and pipelines. Total product supplied in the *PSM* at the U.S. level is equal to the sum of field production, plus refinery and blender net production, plus renewable fuels, and oxygenate plant net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports. Net receipts are added as a component of supply at the PAD District level. Crude oil product supplied is normally zero because crude oil is processed in refineries and rarely, if ever, used directly.

The secondary system is that portion of the overall distribution network that falls between producers and end-users. Product typically flows in bulk from the primary supply system into the secondary system before delivery in small quantities to consumers (the tertiary system). The secondary system includes storage at bulk plants; at retail motor fuel outlets, such as service stations, truck stops, and convenience stores; and at retail fuel oil dealers. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, by definition, receive product only by tank car or truck, not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, jet fuel stored in facilities operated by end users, and certain proprietary storage of raw materials for the chemical industry (ethylene, propylene, etc.).

Data users sometimes consider demand as sales to the ultimate consumer or as the actual consumption of the product. Since there may be time delays between the movement of product into the primary market and its ultimate purchase or consumption, these definitions of demand require data on changes in secondary and/or tertiary stocks or

the assumption that these values either remain constant or are small compared to primary supply. The most recent study of secondary stocks was done by the National Petroleum Council in 1989. This study revealed that secondary distillate stocks were equal to about 6.9 percent of distillate stocks and 6.7 percent of distillate storage capacity. The study also noted that secondary storage capacity was decreasing due to EPA regulations.

C. Components of Supply and Disposition

The detailed statistics tables in the *PSM* provide complete supply and disposition information for the current month and year to date. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District supply and disposition data at the front followed by tables that contain detailed information on supply and disposition. These include tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following discussion of supply, disposition, and ending stocks as shown in Tables 1– 25 is provided. The categories and products are defined in the EIA Glossary.

(1.) Supply

a. Field Production - Total Field Production is the sum of crude oil production and natural gas plant liquids and liquefied refinery gases production.

Crude oil production is an estimate based on data received from State conservation agencies and the Mineral Management Service of the U.S. Department of the Interior. Refer to "Domestic Crude Oil Production" in Section 2C (1) for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs).

b. Renewable Fuels and Oxygenate Plant Net Production - Renewable Fuels and Oxygenate Plant Net Production are reported on Forms EIA-819 and EIA-22M. Production includes oxygenates (fuel ethanol, ETBE, MTBE, and other oxygenates) plus negative production of pentanes plus, finished motor gasoline, and motor gasoline blending components added to fuel ethanol as denaturants as well as biodiesel. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reported as input during the same month.

c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Form EIA-810 and EIA-815. Refinery and Blender Net Production equals refinery and blenders production minus refinery and blender net inputs. Negative production of finished petroleum products will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed

(input) or reclassified to become another product during the same month.

d. Imports - Imports include receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories or from foreign countries.

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge between PAD Districts are shown in Table 60.

Data for inter-PAD District movements of fuel ethanol and biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) by railroad tank cars and trucks are not currently available. Net Receipts are therefore “implied” for fuel ethanol and biodiesel. Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.”

f. Adjustments – This column includes adjustment quantities for crude oil, fuel ethanol, motor gasoline blending components, biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) and distillate fuel oil. Adjustment quantities are derived either to balance supply and disposition for selected products or to reclassify one product to another product. Product supplied is the balancing item for most products and is interpreted as an implied measure of petroleum demand. Adjustments are used in cases where it does not make sense to interpret the balancing item as demand. Reclassifications reported in the adjustments column may be implied by the supply and disposition balance or reported on surveys. Recall that supply at the U.S. level is equal to the sum of field production, renewable fuels and oxygenate plant net production, refinery and blender net production, imports, and adjustments. Disposition at the U.S. level is equal to the sum of stock change, refinery and blender net inputs, exports, and products supplied. At the PAD District level, supply components include net receipts equal to gross receipts from other PAD Districts minus gross shipments to other PAD Districts. In every case, supply must equal disposition. Applicable components of supply and disposition vary depending on the product or product group. Unless otherwise noted in Section 2C, adjustment calculations that balance supply and disposition equal disposition minus supply for the U.S. and for each PAD District.

(2.) Disposition

a. Stock Change – Stock Change is calculated as the difference between the current month Ending Stocks column and the Ending Stocks column in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

b. Refinery and Blender Net Inputs – Refinery and Blender

Net Inputs are inputs of crude oil and intermediate materials (unfinished oils, motor and aviation gasoline blending components, liquefied petroleum gases, pentanes plus, hydrogen, oxygenates, renewable fuels, and other hydrocarbons) that are processed at refineries or blended at terminals to produce finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (e.g. vacuum distillation units).

Inputs of natural gas plant liquids are refinery input of natural gas liquids received from natural gas plants for blending and processing. Published inputs of natural gas plant liquids are reported on a gross basis.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery input minus refinery production). Negative inputs of unfinished oils and motor and aviation gasoline blending components will occur when the amount of a product produced during the month is greater than the amount of that same product that is input or reclassified to become another product during the same month.

c. Exports - Exports include shipments from the 50 States and the District of Columbia to Puerto Rico, the Virgin Islands, other U.S. possessions and territories and to foreign countries.

d. Products Supplied - Products supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

A product supplied value indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of inter-PAD movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported, e.g., streams returned to refineries from petrochemical plants.

Beginning with data for January 2010, product supplied for crude oil is assumed equal to zero. Prior to January 1983, crude oil burned on leases and by pipelines as fuel was reported as either distillate or residual fuel oil and was included in product supplied for these products. From January 1983 through December 2009, crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report.” Reporting of crude oil used directly was discontinued on Form EIA-813 after December 2009.

(3.) Ending Stocks

Ending stocks are primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Inventories classified as “Distillate Fuel Oil - Greater than 0.05 percent sulfur” stored in the Northeast Heating Oil Reserve are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil ending stocks. The data are shown in Appendix D, Northeast Heating Oil Reserve.

2. Components - Forms Discussions

The data presented in the *PSM* include data collected by the EIA on nine monthly petroleum supply surveys, export data obtained from the U. S. Bureau of the Census, and crude production data obtained from State conservation agencies and the Minerals Management Service of the U. S. Department of Interior.

A. Petroleum Supply Reporting System

The nine monthly petroleum supply surveys are part of the Petroleum Supply Reporting System (PSRS). The PSRS tracks the supply and disposition of crude oil, petroleum products, and natural gas liquids in the United States. The PSRS is organized into two data collection subsystems: the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes the data from the seven weekly surveys. The MPSRS includes nine monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, “Weekly Refinery Report,”
2. EIA-801, “Weekly Bulk Terminal Report,”
3. EIA-802, “Weekly Product Pipeline Report,”
4. EIA-803, “Weekly Crude Oil Stocks Report,”
5. EIA-804, “Weekly Imports Report,”
6. EIA-805, “Weekly Terminal Blender Report,”
7. EIA-809, “Weekly Oxygenate Report,”
8. EIA-22M, “Monthly Biodiesel Production Survey,”
9. EIA-810, “Monthly Refinery Report,”
10. EIA-812, “Monthly Product Pipeline Report,”
11. EIA-813, “Monthly Crude Oil Report,”
12. EIA-814, “Monthly Imports Report,”
13. EIA-815, “Monthly Terminal Blender Report,”
14. EIA-816, “Monthly Natural Gas Liquids Report,”
15. EIA-817, “Monthly Tanker and Barge Movement Report,”
16. EIA-819, “Monthly Oxygenate Report,”
17. EIA-820, “Annual Refinery Report.”

Both weekly and monthly surveys are administered at six key points

along the petroleum production and supply chain: (1) refineries, fractionators, and gas processing plants, (2) bulk terminals and blenders, (3) crude oil and product pipelines, (4) crude oil stock holders, (5) importers, and (6) oxygenate and biodiesel plants. Monthly surveys also include inter-PAD District movements by pipelines, tankers, and barges. Weekly surveys do not capture petroleum movements. Data collected weekly using Forms EIA-800 through EIA-805 and EIA-809 are similar to, though less detailed than, the data collected monthly using Forms EIA-810, EIA-812 through EIA-815 and 819. Respondents reporting to the weekly surveys constitute a sample of those reporting on the monthly surveys.

Annual U.S. refinery capacity data are collected on the Form EIA-820, “Annual Refinery Report.” The EIA-820 data are published in the annual “Refinery Capacity Report.”

B. Monthly Supply Survey Description and Methodology

(1.) Description of Surveys Forms

Copies of the survey forms and instructions can be found at: http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pet_survey_forms.html

The Form EIA-22M “Monthly Biodiesel Production Survey” collects data on biodiesel plant location, operating status, annual production capacity, monthly biodiesel and co-product production, stocks, input of feedstocks, alcohol, and catalysts, and biodiesel sales.

The Form EIA-810, “Monthly Refinery Report,” collects data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products. Working and shell storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-812, “Monthly Product Pipeline Report,” collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included. Product pipeline tank storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-813, “Monthly Crude Oil Report,” collects data on end-of-month stock levels of crude oil held at pipeline and tank farms (associated with the pipelines) and terminals operated by the reporting company. Also, crude oil consumed by pipelines and on leases as pump fuel, boiler fuel, etc., is reported. Data are reported on a PAD District basis. Total Alaskan crude oil stocks in-transit by water (including stocks held at transshipment terminals between Alaska and the continental United States) to the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands are also reported by the transporting company having custody of the stocks. Inter-PAD District movements of crude oil by pipeline are collected by the shipping and receiving PAD District. Intermediate movements for pipeline systems operating in more than two PAD Districts are not included. Crude oil storage capacity of

tank farms is collected on a semi-annual basis.

The Form EIA-814, “Monthly Imports Report,” collects data on imports of crude oil and petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia.

The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil, unfinished oils, and gasoline blending components only.

The Form EIA-815, “Monthly Terminal Blender Report,” collects data on the operations of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and fuel use and losses during the month are collected from operators of terminals. Working and shell storage capacity is collected on a semi-annual basis.

The Form EIA-816, “Monthly Natural Gas Liquids Report,” collects data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, “Monthly Tanker and Barge Movement Report,” collects data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, “Monthly Oxygenate Report” collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Data on end-of-month stocks are reported on a custody basis regardless of ownership. Fuel ethanol storage capacity is collected on a semi-annual basis.

(2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities currently contained in each survey frame as well as to identify

new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of “Who Must Submit” participate in the survey.

The activities for frames maintenance are conducted on an ongoing basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Respondents to Form EIA-22M “Monthly Biodiesel Production Survey” include operators of plants that produce biodiesel meeting ASTM D 6751-07B specifications and used for commercial purposes.

Respondents to Form EIA-810, “Monthly Refinery Report” include operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions.

Respondents to Form EIA-812, “Monthly Product Pipeline Report” include all product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia.

Respondents to Form EIA-813, “Monthly Crude Oil Report” include all companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil producers, terminal operators, storers of crude oil (except refineries), and companies transporting Alaskan crude oil by water in the 50 States and the District of Columbia.

Respondents to Form EIA-814, “Monthly Imports Report” include each importer of record (or Ultimate consignee in some situations regarding Canadian imports) that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), (3) into Foreign Trade Zones located in the 50 States and the District of Columbia and (4) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity.

Respondents to Form EIA-815, “Monthly Terminal Blender Report” include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands,

Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

Respondents to Form EIA-816, “Monthly Natural Gas Liquids Report” include operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Respondents to Form EIA-817, “Monthly Tanker and Barge Movement Report” include all companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense Districts and all companies that have custody of crude oil or petroleum products originating from a PAD District and transported to the Panama Canal with the intent that the crude oil or petroleum products be further transported to another PAD District.

For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company-owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between PAD Districts are considered to have custody.

Respondents to Form EIA-819, “Monthly Oxygenate Report” include all operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

(3.) Collection

Survey data for the MPSRS are collected by facsimile, email, Internet using secure file transfer, and electronic transmission. All respondents must submit their data by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

(4.) Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts). After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. These tables show U.S. and PAD District estimates for the current month and the prior 4 years.

Anomalies result in further review of respondent data which in turn may result in additional flagged data and imputation.

(5.) Estimation and Imputation

The nine monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported data. Imputation is performed for companies that fail to file Forms EIA-22M, 810, 812, 813, 815, 816, and 819. For these companies, previous monthly values and values reported on the weekly survey forms are used if available. Data for nonrespondents to the Forms EIA-814 and 817 are not imputed because respondent-level data for these surveys are highly variable.

Adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the Petroleum Supply Annual (PSA).

(6.) Macro Editing

Monthly data are compared to weekly data on a regular basis. Discrepancies between weekly and monthly data are documented and respondents are called when discrepancies are either large (usually over 300 thousand barrels) or consistent (e.g., weekly data are always lower than monthly data). In addition, a comparison of the data collected on the PSRS with other similar data series from sources outside of the EIA is performed on an ongoing basis. Results of selected data comparisons are published once a year in the feature article, “Comparison of Independent Statistics on Petroleum Supply.” Additional comparisons are made between survey data and model results. Data reported in the Petroleum Supply Monthly and Petroleum Supply Annual are routinely imputed to correct for cases where comparison with other data suggests errors in survey data.

(7.) Dissemination

The *PSM* data are normally released within 60 days of the close of the reference month. The *PSM* is available on the web at:

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html

Much of the *PSM* data are available on the web product, Petroleum Navigator. Petroleum Navigator provides an interface for accessing a comprehensive set of EIA’s petroleum data. Features include: downloadable spreadsheets containing complete data history, data tables which “pivot” to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum Navigator can be accessed at:

http://tonto.eia.doe.gov/dnav/pet/pet_sum_top.asp

The Petroleum Supply and Disposition table displaying all the components of supply and disposition for all products on one page in a given period can be found at:

http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mbbbl_m_cur.htm

Annual petroleum supply statistics compiled from the latest monthly data, Census export, and MMS crude oil production data are released in two volumes. The *PSA, Volume 1* contains final annual data for the supply and disposition of crude oil and petroleum products.

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume1/psa_volume1.html

The *PSA, Volume 2* contains final monthly statistics for the supply and disposition of crude oil and petroleum products.

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume2/psa_volume2.html

C. Derived Data

Due to the time constraints in publishing monthly petroleum supply statistics and the desire to reduce industry response burden, some of the statistics published in the PSM are obtained from sources other than the monthly supply surveys. These other sources include models to data and data from supplemental sources such as the Bureau of the Census.

(1.) Domestic Crude Oil Production

The interim estimate of U.S., PAD District, and state oil production for the current reference month, published in Tables 1 through 26 of the PSM, are based on:

(a.) crude oil production data from state government agencies and the Department of the Interior, Bureau of Safety and Environmental Enforcement;

(b.) crude oil production data reported on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report." For some states, EIA uses current reported data from the state (chiefly Alaska). For the states of Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and the Federal Gulf of Mexico, EIA calculates an estimate by modeling the relationship between final state-level data from DrillingInfo, a third-party vendor of well-level data collected by state agencies, and data reported on the EIA-914 survey using weighted least squares (WLS) linear regression. Additional explanation of the WLS estimation methodology is available. Estimates have to be made for crude oil production because complete and correct data from states may take from several months to over two years.

(c.) first purchase data reported on Form EIA-182 "Domestic Crude Oil First Purchase Report." For the remaining states and areas (Alabama, Arizona, Federal Pacific Offshore, Florida, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) EIA calculates an estimate by using the average lagged ratio (ALR) of the state reported data to EIA-182 data, applied to the current EIA-182 data. Additional explanation of the ALR estimation methodology is available.

State-level production estimates are published in Table 26, "Production of Crude Oil by PAD District and State." Table 26 contains estimates for crude oil production for state and federal offshore areas reported by state agencies and the Bureau of Safety and Environmental Enforcement or estimated by EIA using the ALR or WLS methods discussed above. Every month, the monthly crude oil production estimates are updated in Table 26 of the Petroleum Supply Monthly (<http://www.eia.gov/petroleum/supply/monthly/>) using reports from state agencies and the Bureau of Safety and Environmental Enforcement. The estimates are reported in the Petroleum Navigator and the Petroleum Supply Monthly roughly 60 days after the production month.

(2.) Exports

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a "Shipper's Export Declaration Document" with the U.S. Census Bureau. Each month the EIA receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594). Census export statistics used in the PSM reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether or not the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
- Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

(3.) Movements of crude oil by railroad

The volume of crude oil moving by railroad is calculated using a combination of the Quarterly Commodity Statistics and Waybill sample data from the Surface Transportation Board, data from the National Energy Board of Canada, data in EIA's Oil and Gas Supply Module within the National Energy Modeling system, and an estimation procedure developed by EIA for months in which data these data are not available. Once the data necessary for calculating rail movements become available, which may take as long as 60 days after the end of a calendar quarter, EIA will revise the estimates made.

Movements of crude oil by rail are based on EIA analysis of carload data from the U.S. Surface Transportation Board (STB). Carload data are from the Quarterly Commodity Statistics and Waybill sample. Additional data from the National Energy Board of Canada, and the Oil and Gas Supply Module of the EIA National Energy Modeling System are used for estimating factors for converting carloads to barrels of crude oil.

Carload data from the STB are available approximately 60 days after the end of each quarter. For example, carload data for the first quarter of each year are typically available by about June 1. Therefore, crude oil movements by rail reported by EIA in the Petroleum Supply Monthly and Petroleum Navigator are modeled by predicting recent-month rail movements based on historical correlations of rail movements derived from actual carload data with other regional crude oil supply data either collected by EIA or from other sources including field production, imports, refinery inputs, movements other than rail, refinery input, exports and crude oil adjustments (unaccounted-for crude oil).

Estimates of crude oil movements by rail are subject to revision on a monthly basis as new, more complete, and more accurate data become available. Monthly revisions will typically affect data available through Petroleum Navigator on the EIA web site for the current year and up to two prior years. To the extent that revisions are needed to data more than 2 years in the past, these revisions will be made once a year at the time when Petroleum Navigator tables are updated with final data for a year from the Petroleum Supply Annual. Petroleum Supply Monthly and Petroleum Supply Annual tables released as PDF files will not be revised.

(4.) Stocks of Crude Oil on Leases

This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases. Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the "lease adjustment," a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state data on crude oil stocks and began collecting crude oil stock

data by Petroleum Administration for Defense (PAD) District. With this change, the "lease adjustment" could no longer be calculated on a state basis and was changed to a PAD District level. To adjust for this incomplete coverage, 10,300 thousand barrels of crude oil are added to PAD District 3 stocks and 330 thousand barrels are added to PAD District 4 stocks.

(5.) Trans-Alaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL Adjustment)

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas processing plants in Alaska produce substantial volumes of NGPL that are added to crude oil transported through TAPS. Refiners have been unable to separate the volume of NGPL from Alaskan crude oil when reporting crude oil receipts and inputs to EIA. The TAPS-NGPL adjustment subtracts Alaskan NGPL production reported by selected gas processing plant operators from crude oil receipts and inputs reported by refiners. Adjusted NGPL production is added to refinery receipts and inputs of NGPL. The adjusted NGPL barrels are allocated to PAD Districts based on the regional distribution of receipts of Alaskan crude oil. Data most affected by the TAPS-NGPL adjustment are receipts and inputs of crude oil in PAD District 5 and receipts, inputs, and product supplied of butane and pentanes plus also in PAD District 5.

NGPL injections into crude oil transported in the TAPS started in 1987. The TAPS-NGPL adjustment was first applied to revised data reported in the Petroleum Supply Annual (PSA) for 1988.

(6.) Finished Motor Gasoline Adjustment

Adjustment quantities for finished motor gasoline are the sum of motor gasoline blending components, fuel ethanol, and methyl tertiary butyl ether (MTBE) adjustments reclassified to finished motor gasoline. Finished motor gasoline adjustment quantities are assumed to reflect gasoline blending activity that was not reported on surveys.

Note on MTBE Adjustment: The MTBE portion of the gasoline adjustment described in this section was only applied to Petroleum Supply Monthly (PSM) data for 2009. The MTBE portion of the gasoline adjustment was discontinued after further examination of the issue made clear the MTBE adjustment was not helpful in forming an accurate statistical representation of U.S. and regional gasoline supplies. The MTBE adjustment was not applied to gasoline supply and disposition data in years prior to 2009, nor was it applied to revised data for 2009 published in the Petroleum Supply Annual or in years after 2009. This note only applies to MTBE adjustments. MTBE blending that was reported on EIA surveys is reflected in U.S. and regional gasoline supply and disposition data. Other adjustments to gasoline supply and disposition data to account for motor gasoline blending components and fuel ethanol remain as described in this section.

- Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), “other” motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and “other” motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

Starting with data for January 2010, motor gasoline blending component adjustment quantities were classified only as blended with fuel ethanol and “other”. During 2009, RBOB adjustment quantities were classified based on the product description that included reference to the oxygenate to be blended. Beginning with data for January 2010, all RBOB is reported in one product category without reference to specific oxygenates, and all RBOB adjustment quantities are assumed blended with fuel ethanol. During 2009, adjustment quantities for GTAB and “other” motor gasoline blending components reclassified to finished reformulated gasoline were further classified as blended with ether, blended with alcohol, or non-oxygenated based on the ratio of production of these products in reported survey data. After determining adjustment quantities of motor gasoline blending components reclassified to each type of finished reformulated motor gasoline, portions of the fuel ethanol and MTBE adjustments were reclassified to reformulated motor gasoline. The fuel ethanol quantity reclassified to finished reformulated motor gasoline was determined using the ratio of fuel ethanol blended into finished motor gasoline calculated from fuel ethanol blending data reported on survey forms by PAD District. For example, if the calculated volumetric fuel ethanol blend ratio was 10%, then a quantity of the fuel ethanol adjustment sufficient to make a 10% blend with the available motor gasoline blending components is reclassified to finished reformulated motor gasoline, but the quantity of fuel ethanol cannot exceed the total quantity of the fuel ethanol adjustment. During 2009, a similar process was followed for allocating the MTBE adjustment to reformulated motor gasoline except the blend ratio was assumed to be 12% in all PAD Districts. Starting with data for January 2010, the entire MTBE adjustment quantity is assumed to be blended with finished conventional motor gasoline.

- Adjustment quantities for finished conventional motor gasoline include adjustments for conventional

blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

- Fuel ethanol adjustment quantities frequently exceed the volume of fuel ethanol needed to achieve a blend ratio implied by blending activity reported by refiners and blenders on surveys when considering only the gasoline barrels available from the motor gasoline blending components adjustment. In this case, “other” finished conventional motor gasoline is reclassified by the adjustment to finished conventional motor gasoline blended with alcohol in order to maintain an ethanol blend ratio equal to the fuel ethanol blend ratio reported by refiners and blenders in each PAD District.

(7.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components

as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

(8.) Renewable Fuels including Fuel Ethanol Adjustment

Adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PAD District depends on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below.

- Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of fuel ethanol between PAD Districts, and so allocation of fuel ethanol adjustments to PAD Districts is based on the ratio of fuel ethanol blending reported on surveys in each PAD District divided by fuel ethanol blending reported on surveys for the entire U.S. In this case, Fuel ethanol implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Fuel ethanol implied net receipts are the balancing item between total supply and disposition in each PAD District. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.

- The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). For PSM data prior to January 2012, renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels were calculated as the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol

was unavailable and was excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol caused production to be included in the adjustment. Similarly, the calculation caused net inter-PAD District movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

- Beginning with PSM data for January 2012, production of biodiesel reported on Form EIA-22M was included under the heading of “renewable fuels and oxygenate plant net production” in petroleum supply and disposition balances for “renewable fuels except fuel ethanol”. As a result, the adjustment for “renewable fuels except fuel ethanol” no longer includes production of biodiesel. This change will also be made to revised monthly data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

- Biodiesel adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of biodiesel between PAD Districts, and so allocation of fuel biodiesel adjustments to PAD Districts is based on the ratio of biomass-based diesel blending reported on surveys in each PAD District divided by biomass-based diesel fuel blending reported on surveys for the entire U.S. Biodiesel implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Biodiesel implied net receipts are the balancing item between total supply and disposition in each PAD District. Biodiesel adjustment quantities are assumed to reflect blending of biodiesel into distillate fuel oil that is implied by the available supply of biodiesel but not reported as input on surveys. Biodiesel adjustment volumes are reclassified to distillate fuel oil (15 ppm sulfur and under) through distillate fuel oil adjustments.

(9.) Distillate Fuel Oil Adjustment

Adjustment quantities for distillate fuel oil show reclassification by pipeline operators of distillate fuel oil with sulfur content of 15 ppm and under to distillate fuel oil with sulfur content greater than 15 ppm to 500 ppm (inclusive). Reclassification may occur when distillate product with sulfur content of 15 ppm and under becomes mixed with products having higher sulfur content during pipeline transportation, storage, or handling. Adjustment quantities are reported by pipeline operators on Form EIA-812 “Monthly Product Pipeline Report.” This adjustment was discontinued after publication of data for

December 2010.

Beginning with PSM data for January 2012, distillate fuel oil adjustments equal the opposite of biodiesel adjustments described above in section 7. Biodiesel adjustments are added to distillate fuel oil (15 ppm sulfur and under) and to total distillate fuel oil. Distillate fuel oil adjustment quantities are assumed to reflect biodiesel blending activity implied by biodiesel supply and disposition but not reported on surveys. Distillate fuel oil adjustments for biodiesel will also be added to revised data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

(10.) Crude Oil Adjustment

Adjustment quantities for crude oil are derived to balance crude oil supply and disposition. Crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 "Monthly Crude Oil Report" in data through December 2009. Reporting crude oil used directly was discontinued on Form EIA-813 after collection of data for December 2009. Crude oil product supplied is assumed equal to zero beginning with data for January 2010. Undercounting crude oil imports in survey data is one example of a typical cause of crude oil adjustments. This results in a positive crude oil adjustment because crude oil disposition (i.e. the sum of stock change, refiner inputs, and exports) will exceed available supply (i.e. the sum of field production and imports) due to import undercounting. Crude oil losses are included in crude oil adjustment quantities. The crude oil adjustment was formerly called unaccounted-for crude oil. The name change was effective with data for January 2005.

(11.) Other Hydrocarbon Adjustment

Adjustment quantities for "other" hydrocarbons equal the sum of stock change, refinery and blender net inputs and exports minus imports. "Other" hydrocarbons product supplied is assumed equal to zero. Adjustment quantities account for "other" hydrocarbons produced outside of refineries. There are no movements data collected on surveys for "other" hydrocarbons. Therefore, adjustment quantities include any net receipts of "other" hydrocarbons resulting from inter-PAD District movements.

(12.) Hydrogen Adjustment

Adjustment quantities for hydrogen equal refinery and blender net input of hydrogen. Hydrogen product supplied is assumed equal to zero. Adjustment quantities account for hydrogen supplied to U.S. refineries from non-refinery sources. There are no movements data collected on surveys for hydrogen. Therefore, adjustment quantities at the PAD District level include any net receipts of hydrogen resulting from inter-PAD District movements.

(13.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol)

equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol). Adjustments calculated for MTBE are reclassified to finished motor gasoline and are added to finish motor gasoline supply through the finished motor gasoline adjustment. There are no survey data available for movements of MTBE between PAD Districts. MTBE adjustment quantities are allocated to PAD Districts using ratios equal to the sum of MTBE input and export for each PAD District divided by the sum of MTBE input and export for the U.S. MTBE implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. MTBE implied net receipts are the balancing item between total supply and disposition in each PAD District.

3. Quality

A. General Discussion

(1.) Response Rates

The response rate is generally 98 to 100 percent. Average response rates for the monthly and weekly surveys are published in the annual PSM article "Accuracy of Petroleum Supply Data." Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

(2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number of sources including: (1) the inability to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

(3.) Resubmissions

Throughout the year, EIA accepts data revisions of monthly data. If a revision to a monthly submission is made after the PSM has been published, it is referred to as a resubmission. The final monthly values for the previous year are published in the PSA. These values reflect all PSM resubmissions and other

data corrections. The values contained in the *PSA* are EIA's most accurate measure of petroleum supply activity.

(4.) Revision Policy

EIA will publish revised monthly crude oil production estimates going back to the Previously published Petroleum Supply Annual every month in the Petroleum Supply Navigator (<http://www.eia.gov/petroleum/supply/monthly/>). Once a year with the release of the Petroleum Supply Annual, EIA will revise up to 10 years of historical production estimates in the Petroleum Supply Navigator.

B. Data Assessment

The principal objective of the PSRS is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The PSM preliminary monthly data serve as leading indicators of the final monthly data published in the *PSA*. The PSM monthly data are not expected to have the same level of accuracy as the final monthly data published in the *PSA*. However, the preliminary monthly data are expected to exhibit like trends and product flow characteristic of the final monthly data.

To assess the accuracy of monthly statistics, initial monthly estimates published in the PSM are compared with the final monthly aggregates published in the *PSA*. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year, and they are considered to be the most accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2007 monthly data was less than 1 percent for 50 of the 66 major petroleum variables analyzed.

4. Provisions Regarding Disclosure of Information

All PSRS survey forms, with the exception of the Form EIA-814, "Monthly Imports Report," have the same general disclosure

information statement. The information reported on Form EIA-814 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form.

The information reported on Forms EIA-810 through 813, 815 through 817, 819, and 820 will be protected and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905.

The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are not applied to the statistical data published from this survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

In addition to the use of the information by EIA for statistical purposes, the information may be made available, upon request, to other Federal agencies authorized by law to receive such information for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

Table B1. Finished Motor Gasoline Product Supplied and Gasoline Supply Added by Adjustments to Motor Gasoline Blending Components and Fuel Ethanol, 1997 - 2008
(Thousand Barrels per Day)

Item/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
1997													
Fuel Ethanol Adj.	39	50	51	46	48	38	59	37	47	69	50	61	50
Motor Gas Blending	-20	61	-27	87	73	113	89	95	115	107	165	80	78
Products Supplied	7,301	7,668	7,796	8,064	8,139	8,288	8,496	8,233	8,023	8,141	7,965	8,065	8,017
1998													
Fuel Ethanol Adj.	66	55	61	55	42	50	49	58	62	71	55	75	58
Motor Gas Blending	84	39	117	140	142	246	111	88	171	89	145	205	132
Products Supplied	7,618	7,711	8,004	8,312	8,279	8,520	8,680	8,568	8,310	8,378	8,167	8,451	8,253
1999													
Fuel Ethanol Adj.	57	52	52	53	50	59	43	54	55	64	66	72	56
Motor Gas Blending	81	-13	20	134	46	214	192	128	102	212	156	165	120
Products Supplied	7,701	8,031	8,128	8,506	8,420	8,886	8,942	8,579	8,305	8,542	8,240	8,859	8,431
2000													
Fuel Ethanol Adj.	60	47	62	62	76	52	68	73	66	74	73	76	66
Motor Gas Blending	255	208	178	158	198	125	80	158	155	107	83	319	169
Products Supplied	7,653	8,291	8,305	8,375	8,661	8,824	8,642	8,921	8,518	8,417	8,384	8,670	8,472
2001													
Fuel Ethanol Adj.	80	65	61	59	64	40	96	52	71	93	63	58	67
Motor Gas Blending	264	121	289	303	196	210	213	245	196	193	175	252	222
Products Supplied	8,099	8,234	8,532	8,575	8,706	8,690	9,023	8,953	8,557	8,655	8,677	8,585	8,610
2002													
Fuel Ethanol Adj.	60	68	40	75	78	66	66	48	56	58	80	62	63
Motor Gas Blending	184	214	174	233	339	287	269	252	177	172	208	235	229
Products Supplied	8,227	8,607	8,655	8,766	9,078	9,140	9,143	9,313	8,687	8,814	8,829	8,893	8,848
2003													
Fuel Ethanol Adj.	13	49	8	45	38	31	29	44	31	35	41	22	32
Motor Gas Blending	109	174	209	265	354	399	314	375	298	324	281	194	275
Products Supplied	8,414	8,525	8,602	8,838	9,042	9,170	9,192	9,411	8,926	9,108	8,946	9,011	8,935
2004													
Fuel Ethanol Adj.	17	21	7	36	36	53	25	32	37	29	25	27	29
Motor Gas Blending	217	393	469	574	464	609	466	493	489	372	347	265	429
Products Supplied	8,705	8,838	9,024	9,126	9,179	9,322	9,357	9,327	9,015	9,097	9,055	9,206	9,105
2005													
Fuel Ethanol Adj.	37	31	24	32	39	54	47	55	40	45	50	47	42
Motor Gas Blending	357	251	200	222	337	310	460	455	382	360	239	436	335
Products Supplied	8,775	8,798	8,996	9,130	9,257	9,380	9,451	9,454	8,897	9,013	9,079	9,246	9,125
2006													
Fuel Ethanol Adj.	33	37	48	36	23	40	27	44	51	32	52	37	38
Motor Gas Blending	278	226	406	486	714	207	663	432	649	539	645	689	497
Products Supplied	8,727	8,836	9,129	9,140	9,312	9,440	9,583	9,585	9,222	9,286	9,160	9,335	9,233
2007													
Fuel Ethanol Adj.	68	51	58	62	67	73	84	95	51	93	100	113	76
Motor Gas Blending	512	462	607	674	608	473	627	553	544	534	689	535	569
Products Supplied	8,891	9,025	9,169	9,232	9,429	9,510	9,622	9,592	9,244	9,250	9,249	9,249	9,290
2008													
Fuel Ethanol Adj.	117	118	118	163	134	117	99	107	156	93	76	108	117
Motor Gas Blending	223	259	246	138	402	371	331	448	376	171	417	77	288
Products Supplied	8,814	8,842	9,069	9,117	9,216	9,071	9,072	9,090	8,469	8,986	8,889	8,921	8,964

Adjustments to finished motor gasoline, motor gasoline blending components, fuel ethanol, and Methyl Tertiary Butyl Ether (MTBE) are available in Petroleum Navigator.

http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mbbldpd_m_cur.htm

Note: Totals may not equal sum of components due to independent rounding.

Sources: Annual Averages, 1997 – 2007, Energy Information Administration (EIA) Petroleum Supply Annual, Volume 1 (table 2), Monthly Data, 1997-2007, Petroleum Supply Annual, Volume 2 (table 2), Annual Average, 2008, Petroleum Supply Monthly, February 2009 issue (table 4), Monthly Data, 2008, Petroleum Supply Monthly, (table 3).

Northeast Reserves

Reserves inventories are not considered to be in the commercial sector and are excluded from EIA's commercial motor gasoline and distillate fuel oil supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Northeast Home Heating Oil Reserve classified as ultra-low sulfur distillate (15 parts per million)

Terminal Operator	Location	Thousand Barrels
Buckeye Partners LP	Groton, CT	500
Global Companies LLC	Revere, MA	500

Source: U. S. Energy Information Administration

Northeast Regional Refined Petroleum Product Reserve motor gasoline products

Terminal Operator	Location	Thousand Barrels
BP Products North America	Carteret, NJ	200
Buckeye Terminals LLC	Port Reading, NJ	0
Buckeye Terminals LLC	Raritan Bay, NJ	500
Global Companies LLC	Revere, MA	200
South Portland Terminal LLC	South Portland, ME	99

Source: U. S. Energy Information Administration

Other reserves information from the U.S. Department of Energy, Office of Petroleum Reserves can be found at <http://energy.gov/fe/services/petroleum-reserves/>

State of New York's Strategic Fuels Reserve Program

State reserve inventories are also not considered to be in the commercial sector and are excluded from EIA's commercial inventories and are excluded from supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Product	Location	Thousand Barrels
Motor Gasoline Blending Components	NY	85
Fuel Ethanol	NY	9
Distillate Fuel Oil, 15 ppm Sulfur and Under	NY	34

Source: New York State Energy Research & Development Authority

Definitions of Petroleum Products and Other Terms

(Revised May 2010)

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group; $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$ (e.g., methanol, ethanol, and tertiary butyl alcohol).

Alkylate. The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

Alkylation. A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

All Other Motor Gasoline Blending Components. See Motor Gasoline Blending Components.

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. @ } 60^\circ \text{ F}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

Aromatics. Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

Asphalt. A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Atmospheric Crude Oil Distillation. The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

Aviation Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating

engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

Aviation Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformat, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

Barrel. A unit of volume equal to 42 U.S. gallons.

Barrels Per Calendar Day. The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

Barrels Per Stream Day. The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

Benzene (C_6H_6). An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

Biomass-Based Diesel Fuel. Biodiesel and other renewable diesel fuel or diesel fuel blending components derived from biomass, but excluding renewable diesel fuel coprocessed with petroleum

feedstocks.

Blending Components. See *Motor or Aviation Gasoline Blending Components*.

Blending Plant. A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

Bonded Petroleum Imports. Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

BTX. The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

Bulk Station. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

Bulk Terminal. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

Butane (C_4H_{10}). A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

Normal Butane (C_4H_{10}). A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

Refinery-Grade Butane (C_4H_{10}). A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

Butylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes.

Captive Refinery Oxygenate Plants. Oxygenate production facilities located within or adjacent to a refinery complex.

Catalytic Cracking. The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

Fresh Feeds. Crude oil or petroleum distillates which are being fed to processing units for the first time.

Recycled Feeds. Feeds that are continuously fed back for additional processing.

Catalytic Hydrocracking. A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

Catalytic Hydrotreating. A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

Catalytic Reforming. A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

Low Pressure. A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

High Pressure. A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

Charge Capacity. The input (feed) capacity of the refinery processing facilities.

Coal. A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Commercial Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Conventional Blendstock for Oxygenate Blending (CBOB). See *Motor Gasoline Blending Components*.

Conventional Gasoline. See *Motor Gasoline (Finished)*.

Crude Oil. A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead) gas in lease separators and are subsequently commingled

with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

Domestic. Crude oil produced in the United States or from its Outer continental shelf as defined in 43 USC 1331.

Foreign. Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

Crude Oil, Refinery Receipts. Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

Crude Oil Losses. Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

Crude Oil Production. The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

Crude Oil Qualities. Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

Delayed Coking. A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

Desulfurization. The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum desulfurization is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include catalytic hydrotreating and other chemical/physical processes such

as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See **Catalytic Hydrotreating**.

Disposition. The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

No. 1 Distillate. A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 1 Diesel Fuel. A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate**.

No. 1 Fuel Oil. A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate**.

No. 2 Distillate. A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 2 Diesel Fuel. A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate**.

Low Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

High Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

No. 2 Fuel Oil (Heating Oil). A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in

atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See **No. 2 Distillate**.

No. 4 Fuel. A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

No. 4 Diesel Fuel. See **No. 4 Fuel**.

No. 4 Fuel Oil. See **No. 4 Fuel**.

Electricity (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ending Stocks. Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

ETBE (Ethyl tertiary butyl ether) (CH₃)₃COC₂H₅. An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

Ethane (C₂H₆). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

Ether. A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

Ethylene (C₂H₄). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

Exports. Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

Flexicoking. A thermal cracking process which converts heavy

hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

Fluid Coking. A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

Fresh Feed Input. Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

(1.) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.

(2.) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

Fuel Ethanol (C₂H₅OH). An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

Fuels Solvent Deasphalting. A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

Gas Oil. A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

Gasohol. A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See **Oxygenates**.

Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

Gasoline Treated as Blendstock (GTAB). See **Motor Gasoline Blending Components**.

Gross Input to Atmospheric Crude Oil Distillation Units. Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Heavy Gas Oil. Petroleum distillates with an approximate boiling

range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

High-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 500 ppm.

Hydrogen. The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Idle Capacity. The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

Imported Crude Oil Burned As Fuel. The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Imports. Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Isobutane (C_4H_{10}). A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

Isobutylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C_6H_{14}). A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C_4), an alkylation process feedstock, and normal pentane and hexane into isopentane (C_5) and isohexane (C_6), high-octane gasoline components.

Isopentane. See *Natural Gasoline and Isopentane*.

Kerosene. A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See *Kerosene-Type Jet Fuel*.

Kerosene-Type Jet Fuel. A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

Commercial. Kerosene-type jet fuel intended for use in commercial aircraft.

Military. Kerosene-type jet fuel intended for use in military aircraft.

Lease Condensate. A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See *Natural Gas Liquids*.

Light Gas Oils. Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

Liquefied Petroleum Gases (LPG). A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

Low-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

Lubricants. Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

Merchant Oxygenate Plants. Oxygenate production facilities that are not associated with a petroleum refinery. Production from these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

Methanol (CH_3OH). A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

Middle Distillates. A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

Military Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Miscellaneous Products. Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and specialty oils). Note:

Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. Note: E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

Conventional Gasoline. Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

Ed 55 and Lower. Finished conventional motor gasoline blended with a maximum of 55 volume percent denatured fuel ethanol.

Greater than Ed55. Finished conventional motor gasoline blended with denatured fuel ethanol where the volume percent of denatured fuel ethanol exceeds 55%.

OPRG. "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

Oxygenated Gasoline (Including Gasohol). Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline. Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

Reformulated Gasoline. Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of federal-program reformulated gasoline even though the gasoline

may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

Reformulated (Blended with Alcohol). Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

Reformulated (Blended with Ether). Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

Reformulated (Non-Oxygenated). Reformulated gasoline without added ether or alcohol components.

Motor Gasoline Blending. Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

Conventional Blendstock for Oxygenate Blending (CBOB). Conventional gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

Gasoline Treated as Blendstock (GTAB). Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB was classified on EIA surveys as either reformulated or conventional based on emissions performance and the intended end use in data through the end of December 2009. Designation of GTAB as reformulated or conventional was discontinued beginning with data for January 2010. GTAB was reported as a single product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional

motor gasoline blending components when reported as a subset of motor gasoline blending components.

Reformulated Blendstock for Oxygenate Blending (RBOB). Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

RBOB for Blending with Alcohol. Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

RBOB for Blending with Ether. Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

All Other Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g. fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

MTBE (Methyl tertiary butyl ether) $(CH_3)_3COCH_3$. An ether intended for gasoline blending as described in Oxygenate definition.

Naphtha. A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

Naphtha Less Than 401° F. See *Petrochemical Feedstocks*.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note: Beginning with January 2004 data, naphtha-type jet fuel is included in *Miscellaneous Products*.

Natural Gas. A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

Natural Gas Liquids. Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see *Natural Gas Plant Liquids*) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see *Lease Condensate*).

Natural Gas Plant Liquids. Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

Natural Gas Processing Plant. Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

Natural Gasoline and Isopentane. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon, (C_5H_{12}) , obtained by fractionation of natural gasoline or isomerization of normal pentane.

Net Receipts. The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

Normal Butane. See *Butane*.

OPEC. An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies of member countries. It was created at the Baghdad Conference on September 10–14, 1960. Current members (with years of membership) include Algeria (1969-present), Angola (2007-present), Ecuador (1973-1992 and 2007-present), Iran (1960-present), Iraq (1960-present), Kuwait (1960-present), Libya (1962-present), Nigeria (1971-present), Qatar (1961-present), Saudi Arabia (1960-present), United Arab Emirates (1967-present), and Venezuela (1960-present). Countries no longer members of OPEC include Gabon (1975-1994) and Indonesia (1962-2008).

Operable Capacity. The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

Operable Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operable refining capacity of the units.

Operating Capacity. The component of operable capacity that is in operation at the beginning of the period.

Operating Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

Other Hydrocarbons. Materials received by a refinery and consumed as a raw material. Includes hydrogen, coal tar derivatives, gilsonite, and natural gas received by the refinery for reforming into hydrogen. Natural gas to be used as fuel is excluded.

Other Oils Equal To or Greater Than 401° F. See *Petrochemical Feedstocks*.

Other Oxygenates. Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Oxygenated Gasoline. See *Motor Gasoline (Finished)*.

Oxygenates. Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

Fuel Ethanol. Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

Methanol. Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed 3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

MTBE (Methyl tertiary butyl ether). Blends up to 15.0

percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

Pentanes Plus. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

Persian Gulf. The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

Petrochemical Feedstocks. Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

Naphtha Less Than 401° F. A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

Other Oils Equal To or Greater Than 401° F. Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

Petroleum Administration for Defense (PAD) Districts. Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

Petroleum Coke. A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

Catalyst Coke. In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

Marketable Coke. Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Pipeline (Petroleum). Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including

interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

Plant Condensate. One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

Processing Gain. The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

Processing Loss. The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

Product Supplied, Crude Oil. Crude oil burned on leases and by pipelines as fuel.

Production Capacity. The maximum amount of product that can be produced from processing facilities.

Products Supplied. Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

Propane (C_3H_8). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

Propylene (C_3H_6). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Propylene (C_3H_6) (nonfuel use). Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

Refinery-Grade Butane. See *Butane*.

Refinery Input, Crude Oil. Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

Refinery Input, Total. The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

Refinery Production. Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

Refinery Yield. Refinery yield (expressed as a percentage) represents the percent of finished product produced from input of crude oil and net input of unfinished oils. It is calculated by dividing the sum of crude oil and net unfinished input into the individual net production of finished products. Before calculating the yield for finished motor gasoline, the input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components must be subtracted from the net production of finished motor gasoline. Before calculating the yield for finished aviation gasoline, input of aviation gasoline blending components must be subtracted from the net production of finished aviation gasoline.

Reformulated Blendstock for Oxygenate Blending (RBOB). See *Motor Gasoline Blending Components*.

Reformulated Gasoline. See *Motor Gasoline (Finished)*.

Renewable Fuels (Other). Fuels and fuel blending components, except biomass-based diesel fuel, renewable diesel fuel, and fuel ethanol, produced from renewable biomass.

Residual Fuel Oil. A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Residuum. Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

Shell Storage Capacity. The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity. Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

Stock Change. The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

Strategic Petroleum Reserve (SPR). Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

Sulfur. A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Supply. The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

TAME (Tertiary amyl methyl ether) $(CH_3)_2(C_2H_5)COCH_3$. An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

Tank Farm. An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

Tanker and Barge. Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts;

from a PAD District to the Panama Canal; or from the Panama Canal to a PAD District.

TBA (Tertiary butyl alcohol) $(CH_3)_3COH$. An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

Toluene $(C_6H_5CH_3)$. Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

Ultra-Low Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

Unaccounted for Crude Oil. Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

Unfinished Oils. All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

Unfractionated Streams. Mixtures of unsegregated natural gas liquid components excluding those in plant condensate. This product is extracted from natural gas.

United States. The United States is defined as the 50 States and the District of Columbia.

Vacuum Distillation. Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

Visbreaking. A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

Wax. A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from petroleum fractions, or through a Fischer-Tropsch type process, in which the straight-chained paraffin series predominates. This includes

all marketable wax, whether crude or refined, with a congealing point (ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

Working Storage Capacity. The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

Xylene ($C_6H_4(CH_3)_2$). Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.